

Converting Colors

HunterLab(70.0970, -6.6502,
-36.9446)

Have a look what the booklet for
HunterLab(70.0970, -6.6502,
-36.9446) contains.

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Color

**HunterLab(70.0506, -6.4360,
-37.0228)**

Conversions

Conversions Part 1

Format	Color
Hex	80BFFF
RGB	128, 191, 255
RGB Percent	50%, 75%, 100%
CMY	0.4980, 0.2510, 0.0000
CMYK	0.50, 0.25, 0.00, 0.00
HSL	210°, 100%, 75%
HSV	210°, 50%, 100%
XYZ	45.5829, 49.0709, 101.6770
YIQ	179.4590, -58.0920, 6.5480

Conversions

Conversions Part 2

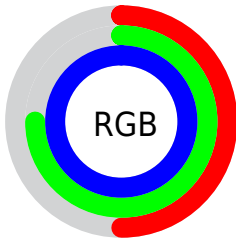
Format	Color
R_YB	128, 170, 255
Decimal	8437759
CIE Lab	75.50, -3.00, -37.73
CIE LCh	75, 37.854, 265.449
Yxy	49.0726, 0.2322, 0.2499
Android (android.graphics.Color)	4286627839 (0xFF80BFFF)
YUV	179.4590, 37.2417, -45.1295
Hunter-Lab	70.0506, -6.4360, -37.0228

Details

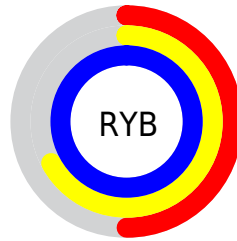
The HunterLab color **70.0506, -6.4360, -37.0228** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.7941, 10.6796, 32.5573**, and the grayscale version is **67.2005, -3.5857, 3.6511**.

A 20% lighter version of the original color is **91.7500, -21.3413, -4.9744**, and **48.4594, -4.9994, -35.5938** is the 20% darker color. If you saturate the color by 10%, you get **64.7889, -4.4499, -46.7333**, and if you desaturate by 10%, it is **75.6027, -7.5467, -27.7404**.

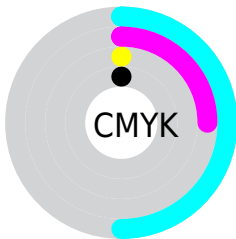
Distribution



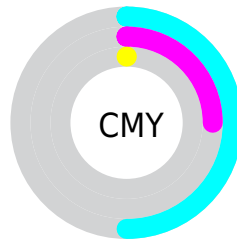
- Red (50%)
- Green (75%)
- Blue (100%)



- Red (50%)
- Yellow (67%)
- Blue (100%)



- Cyan (50%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.0506, -6.4360, -37.0228 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 70.0506, -6.4360, -37.0228 by changing the saturation by 10% instead.

■ 70.0506, -6.4360,
-37.0228

■ 70.0506, -6.4360,
-37.0228

195.7110,
-14.2630, -40.7863

■ 58.8872, -5.6861,
-36.3834

■ 94.2333, -8.0120,
-38.1865

■ 48.3882, -4.9615,
-35.7305

■ 107.1910, -8.8364,
-38.7020

■ 38.6001, -4.2627,
-35.0959

■ 120.6936, -9.6845,
-39.1691

■ 29.5787, -3.5896,
-34.5490

134.7198,
-10.5558, -39.5874

■ 21.3959, -2.9410,
-34.2432

149.2508,
-11.4497, -39.9573

■ 14.1483, -2.3139,
-34.5651

164.2697,

■ 7.8006, -2.0945,

-12.3659, -40.2796

-37.8290

179.7611,
-13.3038, -40.5555

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 70.0506, -6.4360,
-37.0228

■ 70.0506, -6.4360,
-37.0228

■ 64.7889, -4.4499,
-46.7333

■ 75.6027, -7.5467,
-27.7404

■ 59.8477, -1.4746,
-56.8741

■ 81.4110, -7.8925,
-18.8740

■ 55.2634, 2.5871,
-67.4026

■ 87.4499, -7.5761,
-10.3894

■ 51.0682, 7.7871,
-78.2350

■ 93.6960, -6.6874,
-2.2490

■ 47.2629, 14.0261,

100.0000, -5.3358,

-89.3141

5.4332

■ 47.1900, 14.1551,
-89.5402

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.0518, -22.1131, -28.6479



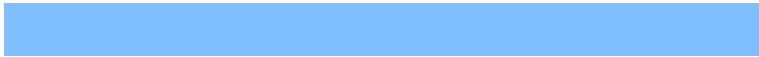
70.0506, -6.4360, -37.0228



70.0518, 11.5789, -32.4122

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.0518, -6.4364, -37.0206



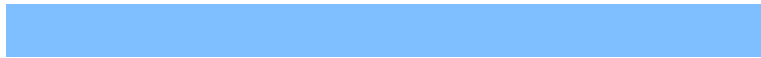
70.0518, 29.9158, 16.4093



70.0518, -29.7583, 19.8776

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



70.0506, -6.4360, -37.0228



77.7941, 10.6796, 32.5573

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.0518, -17.8489, 27.2998



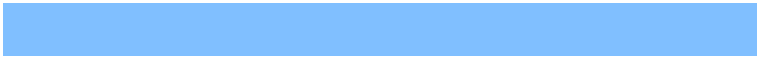
70.0506, -6.4360, -37.0228



70.0518, 16.7431, 25.6759

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.0518, -6.4364, -37.0206



70.0518, 33.7411, 1.1805



70.0518, -1.0054, 29.1216



70.0518, -34.6960, 6.3474

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.0506, -6.4360, -37.0228



70.0518, 22.3524, -23.0859



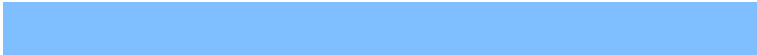
70.0518, -1.0054, 29.1216



70.0518, -26.4992, 23.0228

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



70.0518, -6.4364, -37.0206



90.4244, -7.2157, -6.4402



89.3831, -48.3369, 21.3430



41.2276, -3.4188, -3.7773

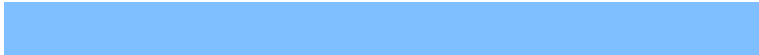
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.0518, -6.4364, -37.0206



64.6876, -4.4009, -46.9304



52.2011, 27.2111, -74.8130



43.4353, -3.0780, -0.9309



34.5456, 9.3638, -63.3928



11.7482, 1.0880, -17.0329

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



63.6094, 52.4645, -5.8305



58.2864, 63.4241, -5.7639



97.1281, -21.3039, 47.0094



42.5880, 2.5290, 1.0700



34.5438, 61.5422, 3.8331



10.8806, 19.5731, -0.2539

Previews

White Background



This preview shows how the HunterLab color 70.0506, -6.4360, -37.0228 looks on a white background.

Color Contrast Check

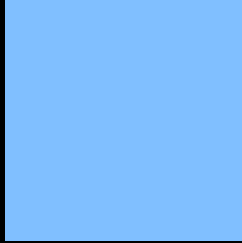
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 70.0506, -6.4360, -37.0228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

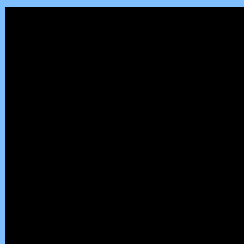
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

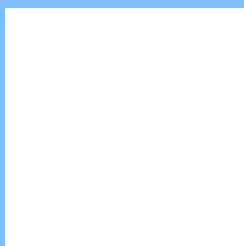
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 70.0506, -6.4360, -37.0228 Background



This preview shows how black text looks on a background with the HunterLab color 70.0506, -6.4360, -37.0228.

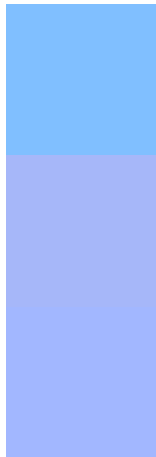


This preview shows how white text looks on a background with the HunterLab color 70.0506, -6.4360, -37.0228.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

70.0506, -6.4360, -37.0228

Protanopia

69.8667, 4.8590, -32.9186

Deuteranopia

69.8343, 5.2953, -37.1985



Tritanopia

69.9200, -21.7701, -11.2431

Trichromacy



Original Color

70.0506, -6.4360, -37.0228

Protanomaly

69.8271, 0.3021, -34.4620

Deuteranomaly

69.8726, 0.8227, -37.2092

Tritanomaly

69.7714, -16.1745, -20.2832

Monochromacy



Original Color

70.0506, -6.4360, -37.0228

Achromatopsia

67.1406, -3.5825, 3.6479

Achromatomaly

67.7093, -5.9407, -10.0730

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.0506, -6.4360, -37.0228 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(128, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(128, 191, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(128, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 191, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 70.0506, -6.4360, -37.0228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 191, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(128, 191, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(128, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(128, 191,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.0506, -6.4360, -37.0228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 191, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(128,  
191, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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