

Converting Colors

HunterLab(63.3680, -4.8675,
-58.4416)

Have a look what the booklet for
HunterLab(63.3680, -4.8675,
-58.4416) contains.

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Color

**HunterLab(62.7925, -8.0554,
-50.7793)**

Conversions

Conversions Part 1

Format	Color
Hex	42B0FF
RGB	66, 176, 255
RGB Percent	26%, 69%, 100%
CMY	0.7411, 0.3098, 0.0000
CMYK	0.74, 0.31, 0.00, 0.00
HSL	205°, 100%, 63%
HSV	205°, 74%, 100%
XYZ	35.8221, 39.4290, 100.3304
YIQ	152.1160, -90.9190, 1.2490

Conversions

Conversions Part 2

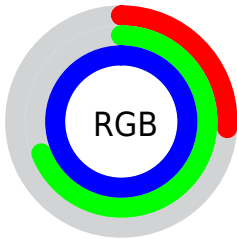
Format	Color
R _{YB}	66, 136, 255
Decimal	4370687
CIE _{Lab}	69.06, -5.47, -47.96
CIE _{LCh}	69, 48.273, 263.488
Yxy	39.4302, 0.2040, 0.2246
Android (android.graphics.Color)	4282560767 (0xFF42B0FF)
YUV	152.1160, 50.7218, -75.5237
Hunter-Lab	62.7925, -8.0554, -50.7793

Details

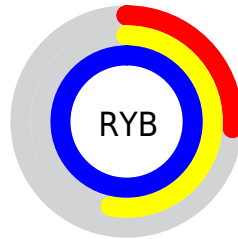
The HunterLab color **62.7925, -8.0554, -50.7793** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **64.7363, 31.0609, 35.7114**, and the grayscale version is **55.9114, -2.9833, 3.0378**.

A 20% lighter version of the original color is **83.4807, -24.3357, -16.1784**, and **43.0029, -3.0269, -47.2156** is the 20% darker color. If you saturate the color by 10%, you get **58.9200, -4.7644, -58.9791**, and if you desaturate by 10%, it is **66.9832, -10.3235, -42.6478**.

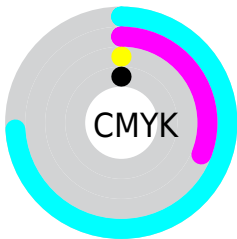
Distribution



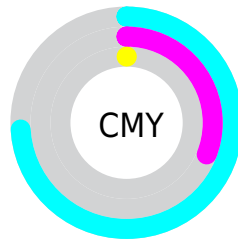
- Red (26%)
- Green (69%)
- Blue (100%)



- Red (26%)
- Yellow (53%)
- Blue (100%)



- Cyan (74%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (74%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.7925, -8.0554, -50.7793 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 62.7925, -8.0554, -50.7793 by changing the saturation by 10% instead.

■ 62.7925, -8.0554,
-50.7793

■ 62.7925, -8.0554,
-50.7793

185.3958,
-16.6986, -56.5100

■ 52.0525, -7.1876,
-50.0829

■ 86.1946, -9.8434,
-52.2441

■ 42.0051, -6.3361,
-49.4874

■ 98.7892, -10.7656,
-52.9625

■ 32.7030, -5.4982,
-49.1062

■ 111.9438,
-11.7068, -53.6523

■ 24.2117, -4.6695,
-49.1760

■ 125.6353,
-12.6671, -54.3066

■ 16.6174, -3.8417,
-50.2454

139.8436,
-13.6466, -54.9212

■ 10.0422, -3.0009,
-53.8683

154.5504,

0.0000, NaN, -NF

-14.6451, -55.4939

0.0000, NaN, -NF

169.7394,
-15.6625, -56.0236

0.0000, NaN, -NF

■ 62.7925, -8.0554,
-50.7793

■ 62.7925, -8.0554,
-50.7793

■ 58.9200, -4.7644,
-58.9791

■ 66.9832, -10.3235,
-42.6478

■ 55.3707, -0.4579,
-67.1931

■ 71.4710, -11.6195,
-34.6467

■ 53.4116, 2.4577,
-72.0652

■ 76.2353, -12.0210,
-26.8133

■ 81.2534, -11.6165,
-19.1699

■ 86.5037, -10.4954,
-11.7251

■ 91.9659, -8.7416,
-4.4772

■ 97.6219, -6.4313,
2.5821

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



62.7935, -26.4806, -38.0169



62.7925, -8.0554, -50.7793



62.7935, 14.3130, -45.4925

Triad

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



62.7935, -8.0550, -50.7772



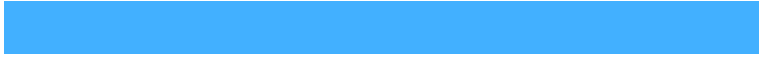
62.7935, 40.0869, 17.3707



62.7935, -33.7221, 22.8750

Complementary

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



62.7925, -8.0554, -50.7793



64.7363, 31.0609, 35.7114

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.



62.7935, -19.2605, 30.1629



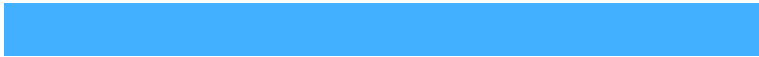
62.7925, -8.0554, -50.7793



62.7935, 23.6955, 27.8301

Square

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



62.7935, -8.0550, -50.7772



62.7935, 44.1619, -1.2931



62.7935, 1.4898, 31.6005



62.7935, -39.9315, 7.7902

Rectangle

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



62.7925, -8.0554, -50.7793



62.7935, 28.3090, -33.1112



62.7935, 1.4898, 31.6005



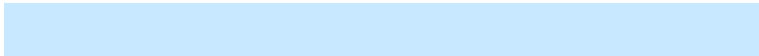
62.7935, -29.7686, 26.0765

Sweetspot

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



62.7935, -8.0550, -50.7772



87.6404, -10.1750, -10.1780



86.4382, -62.2630, 33.8652



39.8721, -4.8954, -5.6285

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



62.7935, -8.0550, -50.7772



57.1448, -2.7828, -62.9956



37.9178, 43.3163, -123.8099



43.7427, -3.5818, -0.5560



38.9979, 1.0951, -51.1079



13.0262, -1.1029, -13.9007

Inverse Universe

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



53.1909, 78.1499, -11.6411



49.6343, 85.8103, -7.7138



91.3968, -17.0536, 52.6747



42.6197, 2.6993, 0.6181



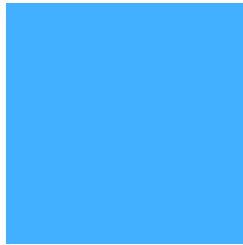
35.0189, 63.2675, -2.9258



11.0265, 20.1004, -2.3101

Previews

White Background



This preview shows how the HunterLab color 62.7925, -8.0554, -50.7793 looks on a white background.

Color Contrast Check

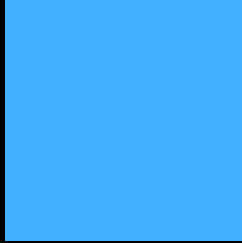
Large Text (above 18pt) WCAG AA × Fail

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 62.7925, -8.0554, -50.7793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

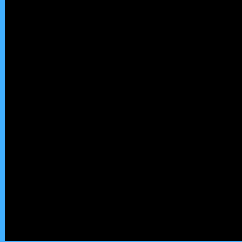
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

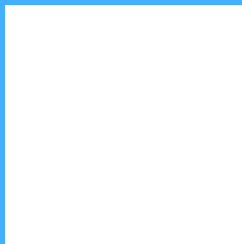
Any Text WCAG AAA ✓ Pass

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

HunterLab 62.7925, -8.0554, -50.7793 Background



This preview shows how black text looks on a background with the HunterLab color 62.7925, -8.0554, -50.7793.



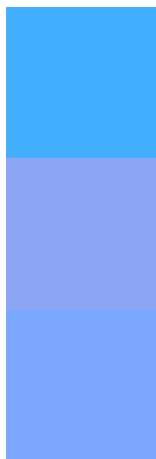
This preview shows how white text looks on a background with the HunterLab color 62.7925, -8.0554, -50.7793.

-50.7793.

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

62.7925, -8.0554, -50.7793

Protanopia

62.5824, 7.1975, -43.1525

Deuteranopia

62.5640, 5.1523, -51.0151



Tritanopia

62.7175, -29.7760, -14.1135

Trichromacy



Original Color

62.7925, -8.0554, -50.7793

Protanomaly

62.2839, 0.5561, -46.9256

Deuteranomaly

62.3322, -0.2089, -51.5852

Tritanomaly

62.3462, -22.7686, -27.0344

Monochromacy



Original Color

62.7925, -8.0554, -50.7793

Achromatopsia

56.0347, -2.9899, 3.0445

Achromatomaly

57.6444, -8.5525, -14.1480

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.7925, -8.0554, -50.7793 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(66, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(66, 176, 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(66, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 176, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 62.7925, -8.0554, -50.7793 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(66, 176, 255) }
```


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

```
.border{ border-color:rgb(66, 176, 255) }
```

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

Here you see how a box with a 4 pixel rgb(66, 176, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(66, 176,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.7925, -8.0554, -50.7793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 176, 255) }
```

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

```
.background{ background-color: rgb(66, 176,  
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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