

Converting Colors

HunterLab(64.7717, 0.4082,
-37.5854)

Have a look what the booklet for
HunterLab(64.7717, 0.4082,
-37.5854) contains.

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Color

**HunterLab(64.7256, 0.6419,
-37.7782)**

Conversions

Conversions Part 1

Format	Color
Hex	87AEF3
RGB	135, 174, 243
RGB Percent	53%, 68%, 95%
CMY	0.4706, 0.3176, 0.0471
CMYK	0.44, 0.28, 0.00, 0.05
HSL	218°, 82%, 74%
HSV	218°, 44%, 95%
XYZ	41.3053, 41.8940, 90.7033
YIQ	170.2050, -45.3930, 13.1910

Conversions

Conversions Part 2

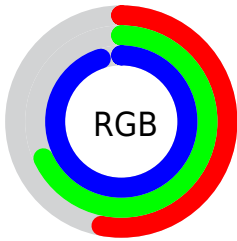
Format	Color
R _Y B	135, 164, 243
Decimal	8892147
CIE Lab	70.80, 4.60, -38.53
CIE LCh	71, 38.806, 276.805
Yxy	41.8956, 0.2375, 0.2409
Android (android.graphics.Color)	4287082227 (0xFF87AEF3)
YUV	170.2050, 35.8879, -30.8748
Hunter-Lab	64.7256, 0.6419, -37.7782

Details

The HunterLab color $64.7256, 0.6419, -37.7782$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $79.9946, 0.4305, 32.3096$, and the grayscale version is $63.3575, -3.3806, 3.4423$.

A 20% lighter version of the original color is $86.2932, -10.7511, -12.0175$, and $43.7340, 1.3039, -36.7648$ is the 20% darker color. If you saturate the color by 10%, you get $58.6928, 3.7459, -49.4257$, and if you desaturate by 10%, it is $71.0605, -1.6531, -26.9911$.

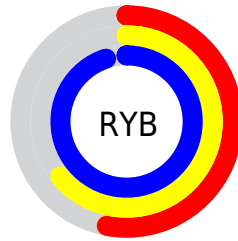
Distribution



Red (53%)

Green (68%)

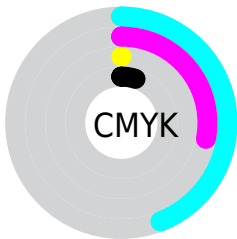
Blue (95%)



Red (53%)

Yellow (64%)

Blue (95%)

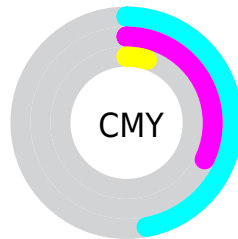


Cyan (44%)

Magenta (28%)

Yellow (0%)

Black (5%)



Cyan (47%)

Magenta (32%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.7256, 0.6419, -37.7782 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 64.7256, 0.6419, -37.7782 by changing the saturation by 10% instead.

■ 64.7256, 0.6419,
-37.7782

■ 64.7256, 0.6419,
-37.7782

188.1621, -4.2364,
-41.8907

■ 53.8698, 0.9845,
-37.1198

■ 88.3411, -0.1822,
-39.0082

■ 43.6985, 1.2750,
-36.4657

■ 101.0348, -0.6566,
-39.5624

■ 34.2628, 1.5072,
-35.8651

■ 114.2842, -1.1690,
-40.0698

■ 25.6251, 1.6726,
-35.4244

128.0669, -1.7174,
-40.5291

■ 17.8675, 1.7592,
-35.3902

142.3630, -2.2999,
-40.9402

■ 11.1042, 1.7474,
-36.4436

157.1547, -2.9148,

■ 2.9739, 6.5786,

-41.3035

-81.3551

172.4260, -3.5607,
-41.6199

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.7256, 0.6419,
-37.7782

■ 64.7256, 0.6419,
-37.7782

■ 58.6928, 3.7459,
-49.4257

■ 71.0605, -1.6531,
-26.9911

■ 53.0089, 7.8114,
-62.0416

■ 77.6536, -3.2732,
-16.9500

■ 47.7368, 12.9920,
-75.6742

■ 84.4735, -4.3314,
-7.5391

■ 42.9491, 19.4038,
-90.2521

■ 91.4941, -4.9203,
1.3434

■ 38.7237, 27.0463,

■ 98.5489, -5.6203,

-105.4947

9.6119

■ 36.6189, 31.6866,
-114.1727

■ 99.6249, -7.3948,
10.7948

Harmonies

Analogous

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



64.7268, -16.3732, -34.0417



64.7256, 0.6419, -37.7782



64.7268, 18.3126, -28.2806

Triad

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



64.7268, 0.6418, -37.7768



64.7268, 26.2374, 20.1285



64.7268, -31.9663, 15.0628

Complementary

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



64.7256, 0.6419, -37.7782



79.9946, 0.4305, 32.3096

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.



64.7268, -22.6827, 24.5200



64.7256, 0.6419, -37.7782



64.7268, 10.5585, 26.8457

Square

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



64.7268, 0.6418, -37.7768



64.7268, 34.0869, 7.2577



64.7268, -7.4565, 28.2025



64.7268, -34.0123, -0.4479

Rectangle

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



64.7256, 0.6419, -37.7782



64.7268, 27.6908, -16.9191



64.7268, -7.4565, 28.2025



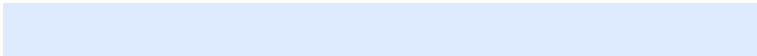
64.7268, -29.6413, 18.9127

Sweetspot

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



64.7268, 0.6418, -37.7768



90.2605, -4.6909, -6.6097



85.7811, -40.0994, 12.9305



41.0092, -2.0842, -4.0437

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.7268, 0.6418, -37.7768



62.8089, 3.4743, -50.5440



54.9800, 24.9193, -57.1274



41.1172, -2.1870, -1.4400



27.5537, 22.3884, -82.7700



9.2470, 4.1217, -20.4556

Inverse Universe

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



62.8014, 41.4989, 1.6177



61.2442, 53.3201, 2.4983



90.7985, -24.0167, 40.5606



40.7203, 2.1484, 1.6970



32.9633, 57.6880, 11.7081



9.8689, 17.4562, 2.0721

Previews

White Background



This preview shows how the HunterLab color 64.7256, 0.6419, -37.7782 looks on a white background.

Color Contrast Check

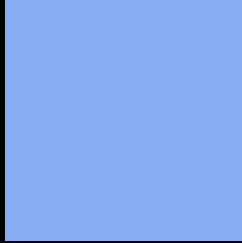
Large Text (above 18pt) WCAG AA × Fail

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 64.7256, 0.6419, -37.7782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

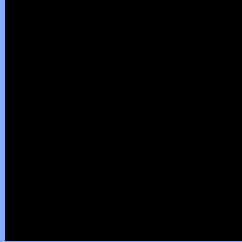
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

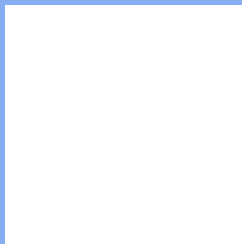
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.7256, 0.6419, -37.7782 Background



This preview shows how black text looks on a background with the HunterLab color 64.7256, 0.6419, -37.7782.



This preview shows how white text looks on a background with the HunterLab color 64.7256, 0.6419, -37.7782.

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

64.7256, 0.6419, -37.7782

Protanopia

64.5880, 5.9519, -35.7728

Deuteranopia

64.6997, 5.2004, -38.4730



Tritanopia

64.8350, -16.9978, -8.6522

Trichromacy



Original Color

64.7256, 0.6419, -37.7782

Protanomaly

64.4885, 4.2126, -36.6994

Deuteranomaly

64.7119, 3.7352, -38.4763

Tritanomaly

64.8148, -10.9461, -18.4486

Monochromacy



Original Color

64.7256, 0.6419, -37.7782

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

63.5021, -2.7796, -10.2385

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.7256, 0.6419, -37.7782 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(135, 174, 243)` looks like.

```
.text, #text, p{  
    color:rgb(135, 174, 243)  
}
```

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(135, 174, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 174, 243) }
```

Border

The CSS property to change the border of an element to HunterLab 64.7256, 0.6419, -37.7782 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(135, 174, 243) }
```


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

```
.border{ border-color:rgb(135, 174, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 174, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 174, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 174, 243);  
box-shadow:4px 4px 4px 4px rgb(135, 174,  
243) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.7256, 0.6419, -37.7782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 174, 243) }
```

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

```
.background{ background-color: rgb(135,  
174, 243) }
```

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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