

Converting Colors

HunterLab(64.3566, -35.5327,
35.4431)

Have a look what the booklet for
HunterLab(64.3566, -35.5327,
35.4431) contains.

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Color

**HunterLab(64.5247,
-35.7240, 35.5775)**

Conversions

Conversions Part 1

Format	Color
Hex	7FBE39
RGB	127, 190, 57
RGB Percent	50%, 75%, 22%
CMY	0.5020, 0.2549, 0.7765
CMYK	0.33, 0.00, 0.70, 0.25
HSL	88°, 54%, 48%
HSV	88°, 70%, 75%
XYZ	27.9044, 41.6344, 10.4365
YIQ	156.0010, 5.1450, -54.7190

Conversions

Conversions Part 2

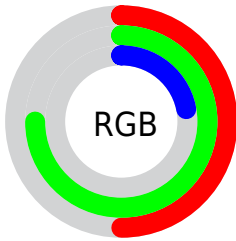
Format	Color
RYB	57, 190, 120
Decimal	8371769
CIELab	70.62, -41.04, 57.81
CIELCh	71, 70.899, 125.372
Yxy	41.6362, 0.3489, 0.5206
Android (android.graphics.Color)	4286561849 (0xFF7FBE39)
YUV	156.0010, -48.8075, -25.4339
Hunter-Lab	64.5247, -35.7240, 35.5775

Details

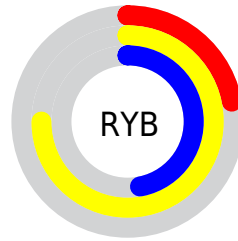
The HunterLab color $64.5247, -35.7240, 35.5775$ is a dark color, and the websafe version is hex $99CC33$. A complement of this color would be $32.6165, 44.1938, -67.6865$, and the grayscale version is $57.8511, -3.0868, 3.1432$.

A 20% lighter version of the original color is $88.2506, -41.2662, 43.3584$, and $43.5292, -29.4171, 26.3075$ is the 20% darker color. If you saturate the color by 10%, you get $63.8907, -38.5114, 36.9929$, and if you desaturate by 10%, it is $65.2571, -32.4886, 33.4292$.

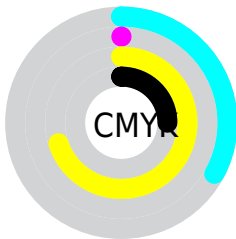
Distribution



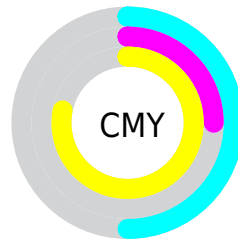
- Red (50%)
- Green (75%)
- Blue (22%)



- Red (22%)
- Yellow (75%)
- Blue (47%)



- Cyan (33%)
- Magenta (0%)
- Yellow (70%)
- Black (25%)



- Cyan (50%)
- Magenta (25%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.5247, -35.7240, 35.5775 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 64.5247, -35.7240, 35.5775 by changing the saturation by 10% instead.

■ 64.5247, -35.7240,
35.5775

■ 64.5247, -35.7240,
35.5775

187.8756,
-58.8573, 67.0199

■ 53.6810, -32.7767,
31.4131

■ 88.1185, -41.2898,
43.3577

■ 43.5225, -29.6761,
27.0231

■ 100.8020,
-43.9469, 47.0259

■ 34.1005, -26.3762,
22.3847

■ 114.0416,
-46.5402, 50.5745

■ 25.4778, -22.8051,
17.8345

■ 127.8149,
-49.0802, 54.0202

■ 17.7370, -18.8465,
12.4159

■ 142.1019,
-51.5757, 57.3769

■ 10.9928, -17.3620,
7.6950

156.8849,

■ 2.6185, -4.5824,

-54.0333, 60.6562

1.8330

172.1477,
-56.4590, 63.8678

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.5247, -35.7240,
35.5775

■ 64.5247, -35.7240,
35.5775

■ 63.8907, -38.5114,
36.9929

■ 65.2571, -32.4886,
33.4292

■ 63.3457, -40.8638,
37.7411

■ 66.0870, -28.7953,
30.5042

■ 62.8792, -42.8458,
37.9957

■ 67.0179, -24.6490,
26.7791

■ 62.8791, -42.8462,
37.9957

■ 68.0509, -20.0605,
22.2458

■ 69.1860, -15.0463,

16.9093

■ 70.4228, -9.6273,
10.7851

■ 71.7598, -3.8277,
3.8974

■ 73.1954, 2.3262,
-3.7230

■ 74.7273, 8.8072,
-12.0402

Harmonies

Analogous

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



64.5261, -9.1819, 39.0592



64.5247, -35.7240, 35.5775



64.5261, -50.9155, 23.6668

Triad

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



64.5261, -35.7255, 35.5779



64.5261, -27.4334, -77.0385



64.5261, 71.1240, 8.8233

Complementary

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



64.5247, -35.7240, 35.5775



32.6165, 44.1938, -67.6865

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.



64.5261, 63.5951, -26.4242



64.5247, -35.7240, 35.5775



64.5261, 2.4967, -87.8695

Square

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



64.5261, -35.7255, 35.5779



64.5261, -46.8321, -41.1332



64.5261, 36.7698, -66.0060



64.5261, 55.6878, 29.2819

Rectangle

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



64.5247, -35.7240, 35.5775



64.5261, -54.5851, 8.1182



64.5261, 36.7698, -66.0060



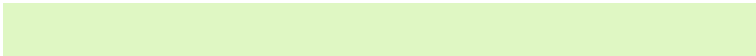
64.5261, 71.2237, -1.4603

Sweetspot

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



64.5261, -35.7255, 35.5779



92.9202, -21.1924, 23.7884



49.4508, 16.6258, 26.1205



43.3386, -10.8319, 12.1204



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



64.5261, -35.7255, 35.5779



85.5970, -53.6096, 50.4415



61.7497, -47.0549, 33.5088



33.0000, -4.3350, 4.8492



51.3188, -34.7495, 31.0140



10.3455, -6.1118, 6.2678

Inverse Universe

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



32.6165, 44.1938, -67.6865



36.9184, 71.1052, -117.7802



41.2675, 61.4538, -43.4890



30.7262, 1.0392, -1.6418



19.9090, 46.5113, -83.3854



4.4069, 9.7442, -14.1849

Previews

White Background



This preview shows how the HunterLab color 64.5247, -35.7240, 35.5775 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 64.5247, -35.7240, 35.5775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

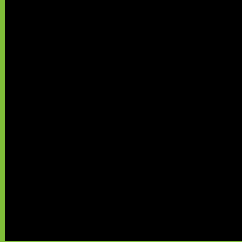
Any Text WCAG AA ✓ Pass

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 64.5247, -35.7240, 35.5775 Background



This preview shows how black text looks on a background with the HunterLab color 64.5247, -35.7240, 35.5775.



This preview shows how white text looks on a background with the HunterLab color 64.5247,

-35.7240, 35.5775.

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

64.5247, -35.7240, 35.5775

Protanopia

64.1018, -8.1313, 36.3520

Deuteranopia

63.9498, 4.8790, 34.5677



Tritanopia

64.2416, -9.8555, -6.6126

Trichromacy



Original Color

64.5247, -35.7240, 35.5775

Protanomaly

63.9856, -19.5017, 35.8523

Deuteranomaly

63.3965, -12.0251, 34.4561

Tritanomaly

63.9080, -21.9938, 14.8860

Monochromacy



Original Color

64.5247, -35.7240, 35.5775

Achromatopsia

57.6586, -3.0765, 3.1327

Achromatomaly

59.4820, -16.8575, 18.6455

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.5247, -35.7240, 35.5775 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(127, 190, 57)` looks like.

```
.text, #text, p{  
    color:rgb(127, 190, 57)  
}
```

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(127, 190, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 190, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 64.5247, -35.7240, 35.5775 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(127, 190, 57) }
```


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

```
.border{ border-color:rgb(127, 190, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 190, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 190, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 190, 57);  
box-shadow:4px 4px 4px 4px rgb(127, 190,  
57) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.5247, -35.7240, 35.5775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 190, 57) }
```

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

```
.background{ background-color: rgb(127,  
190, 57) }
```

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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