

Converting Colors

HunterLab(63.1457, -35.3362,
12.9699)

Have a look what the booklet for
HunterLab(63.1457, -35.3362,
12.9699) contains.

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Color

**HunterLab(63.0556,
-35.3659, 13.0471)**

Conversions

Conversions Part 1

Format	Color
Hex	51BC91
RGB	81, 188, 145
RGB Percent	32%, 74%, 57%
CMY	0.6823, 0.2627, 0.4314
CMYK	0.57, 0.00, 0.23, 0.26
HSL	156°, 44%, 53%
HSV	156°, 57%, 74%
XYZ	26.4874, 39.7601, 33.0665
YIQ	151.1050, -49.9690, -36.0570

Conversions

Conversions Part 2

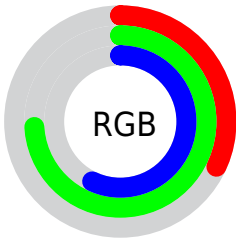
Format	Color
RYB	81, 148, 188
Decimal	5356689
CIELab	69.30, -41.08, 12.63
CIELCh	69, 42.974, 162.903
Yxy	39.7617, 0.2667, 0.4003
Android (android.graphics.Color)	4283546769 (0xFF51BC91)
YUV	151.1050, -3.0098, -61.4821
Hunter-Lab	63.0556, -35.3659, 13.0471

Details

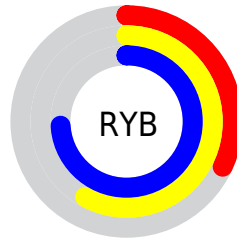
The HunterLab color $63.0556, -35.3659, 13.0471$ is a dark color, and the websafe version is hex $66CC99$. A complement of this color would be $42.4646, 40.5303, 0.2497$, and the grayscale version is $55.6999, -2.9720, 3.0263$.

A 20% lighter version of the original color is $86.5548, -40.9149, 15.6059$, and $42.2668, -29.3786, 10.6755$ is the 20% darker color. If you saturate the color by 10%, you get $62.3037, -38.7511, 15.0307$, and if you desaturate by 10%, it is $63.9932, -31.2892, 11.1398$.

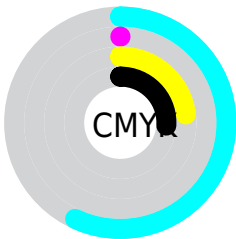
Distribution



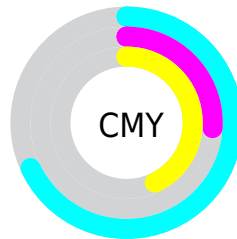
- Red (32%)
- Green (74%)
- Blue (57%)



- Red (32%)
- Yellow (58%)
- Blue (74%)



- Cyan (57%)
- Magenta (0%)
- Yellow (23%)
- Black (26%)





- Cyan (68%)
- Magenta (26%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.0556, -35.3659, 13.0471 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 63.0556, -35.3659, 13.0471 by changing the saturation by 10% instead.


 63.0556, -35.3659,
13.0471


 63.0556, -35.3659,
13.0471


185.7735,
-58.5794, 24.5315


 52.2999, -32.3978,
11.7754


 86.4873, -40.9603,
15.5714


 42.2355, -29.2717,
10.4864


 99.0955, -43.6285,
16.8322

 32.9150, -25.9383,
9.1687


 112.2630,
-46.2311, 18.0965

 24.4035, -22.3213,
7.8034

 125.9671,
-48.7793, 19.3665

 16.7867, -18.2956,
6.3584

140.1874,
-51.2817, 20.6439

 10.1854, -17.8245,
5.7462

154.9059,

0.0000, NaN, NaN

-53.7454, 21.9299

0.0000, NaN, NaN

170.1062,
-56.1764, 23.2255

0.0000, NaN, NaN

■ 63.0556, -35.3659,
13.0471

■ 63.0556, -35.3659,
13.0471

■ 62.3037, -38.7511,
15.0307

■ 63.9932, -31.2892,
11.1398

■ 61.7243, -41.4490,
17.0594

■ 65.1182, -26.5344,
9.3328

■ 61.3049, -43.4925,
19.1017

■ 66.4343, -21.1350,
7.6491

■ 61.0230, -44.9577,
21.1205

■ 67.9412, -15.1367,
6.1063

■ 60.9489, -45.3528,
21.7229

■ 69.6362, -8.5944,
4.7179

■ 71.5148, -1.5676,
3.4927

■ 73.5711, 5.8827,
2.4353

■ 75.7982, 13.6967,
1.5468

■ 78.1882, 21.8184,
0.8251

Harmonies

Analogous

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



63.0569, -26.9272, 24.3759



63.0556, -35.3659, 13.0471



63.0569, -35.9257, -5.0676

Triad

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



63.0569, -35.3666, 13.0477



63.0569, 5.2295, -42.1994



63.0569, 26.5300, 23.2133

Complementary

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



63.0556, -35.3659, 13.0471



42.4646, 40.5303, 0.2497

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.



63.0569, 37.5217, 10.8924



63.0556, -35.3659, 13.0471



63.0569, 24.2553, -28.7010

Square

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



63.0569, -35.3666, 13.0477



63.0569, -14.0215, -41.0886



63.0569, 36.6420, -7.9854



63.0569, 8.0435, 28.9011

Rectangle

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



63.0556, -35.3659, 13.0471



63.0569, -31.8736, -19.1923



63.0569, 36.6420, -7.9854



63.0569, 31.3192, 19.9030

Sweetspot

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



63.0569, -35.3666, 13.0477



91.3848, -20.6845, 8.2925



64.0048, -33.8857, 31.6346



42.1807, -10.3684, 4.0317



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



63.0569, -35.3666, 13.0477



83.6828, -53.0441, 20.8312



61.3640, -24.1684, -8.5817



32.7763, -4.8490, 2.3880



50.3052, -37.3296, 17.7067



10.0194, -7.0000, 2.5877

Inverse Universe

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



42.4646, 40.5303, 0.2497



51.8891, 65.5908, 2.4046



43.1099, 31.6932, 16.4119



30.9810, 1.5830, 1.1541



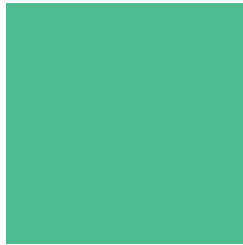
27.6481, 48.6680, 7.6343



5.5894, 10.0600, -0.1714

Previews

White Background



This preview shows how the HunterLab color 63.0556, -35.3659, 13.0471 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 63.0556, -35.3659, 13.0471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

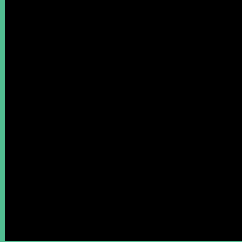
Any Text WCAG AA ✓ Pass

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 63.0556, -35.3659, 13.0471 Background



This preview shows how black text looks on a background with the HunterLab color 63.0556, -35.3659, 13.0471.



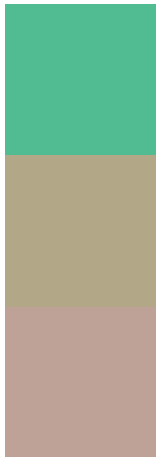
This preview shows how white text looks on a background with the HunterLab color 63.0556,

-35.3659, 13.0471.

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

63.0556, -35.3659, 13.0471

Protanopia

62.6255, -4.8871, 16.8031

Deuteranopia

62.5711, 4.5883, 10.8934



Tritanopia

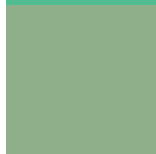
62.9084, -20.9440, -10.8235

Trichromacy



Original Color

63.0556, -35.3659, 13.0471



Protanomaly

61.9384, -18.1374, 14.4670



Deuteranomaly

61.5427, -12.7102, 10.3068



Tritanomaly

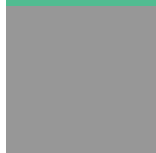
62.9916, -26.9507, -0.8074

Monochromacy



Original Color

63.0556, -35.3659, 13.0471



Achromatopsia

55.6299, -2.9683, 3.0225



Achromatomaly

57.5817, -16.1255, 5.9219

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.0556, -35.3659, 13.0471 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(81, 188, 145)` looks like.

```
.text, #text, p{  
    color:rgb(81, 188, 145)  
}
```

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(81, 188, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 188, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 63.0556, -35.3659, 13.0471 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(81, 188, 145) }
```


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

```
.border{ border-color:rgb(81, 188, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 188, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 188, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 188, 145);  
box-shadow:4px 4px 4px 4px rgb(81, 188,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.0556, -35.3659, 13.0471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 188, 145) }
```

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

```
.background{ background-color: rgb(81, 188,  
145) }
```

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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