

Converting Colors

HunterLab(18.5231, 30.7517,
-65.0117)

Have a look what the booklet for
HunterLab(18.5231, 30.7517,
-65.0117) contains.

HunterLab(18.5231, 30.7517, -65.0117)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(18.5231, 30.7517,
-65.0117)**

Conversions

Conversions Part 1

Format	Color
Hex	371B8A
RGB	55, 27, 138
RGB Percent	22%, 11%, 54%
CMY	0.7843, 0.8941, 0.4588
CMYK	0.60, 0.80, 0.00, 0.46
HSL	255°, 67%, 32%
HSV	255°, 80%, 54%
XYZ	6.5549, 3.4311, 24.3615
YIQ	48.0260, -18.9430, 40.4570

Conversions

Conversions Part 2

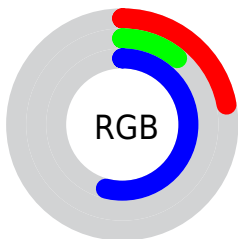
Format	Color
R_{YB}	55, 27, 138
Decimal	3611530
CIE _{Lab}	21.69, 42.57, -56.43
CIE _{LCh}	22, 70.686, 307.033
Yxy	3.4311, 0.1908, 0.0999
Android (android.graphics.Color)	4281801610 (0xFF371B8A)
YUV	48.0260, 44.3572, 6.1162
Hunter-Lab	18.5231, 30.7517, -65.0117

Details

The HunterLab color **18.5231, 30.7517, -65.0117** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **46.4443, -20.8760, 26.9297**, and the grayscale version is **17.0626, -0.9104, 0.9270**.

A 20% lighter version of the original color is **35.1100, 34.2579, -62.9635**, and **8.2953, 22.5010, -58.9416** is the 20% darker color. If you saturate the color by 10%, you get **16.3668, 34.6398, -76.4126**, and if you desaturate by 10%, it is **21.3115, 26.1496, -53.3042**.

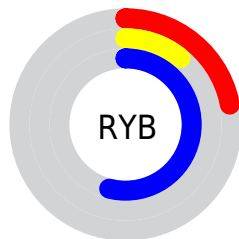
Distribution



Red (22%)

Green (11%)

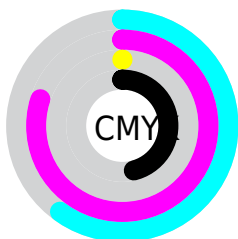
Blue (54%)



Red (22%)

Yellow (11%)

Blue (54%)

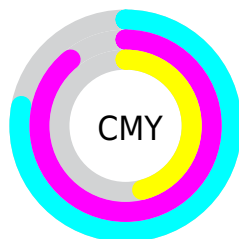


Cyan (60%)

Magenta (80%)

Yellow (0%)

Black (46%)



Cyan (78%)

Magenta (89%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5231, 30.7517, -65.0117 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 18.5231, 30.7517, -65.0117 by changing the saturation by 10% instead.

■ 18.5231, 30.7517,
-65.0117

■ 18.5231, 30.7517,
-65.0117

■ 115.4962, 42.9075,
-66.9916

■ 11.6651, 29.0014,
-70.0438

■ 35.0758, 34.2200,
-62.6193

■ 4.3303, 45.0265,
-119.4022

■ 44.5796, 35.7898,
-62.7479

0.0000, INF, -NF

■ 54.8142, 37.2388,
-63.2171

0.0000, NaN, -NF

■ 65.7304, 38.5726,
-63.8678

0.0000, NaN, -NF

■ 77.2883, 39.7988,
-64.6126

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.4539, 40.9252,

0.0000, NaN, NaN

-65.4003

0.0000, NaN, NaN

102.1983, 41.9593,
-66.1997

18.5231, 30.7517,
-65.0117

18.5231, 30.7517,
-65.0117

16.3668, 34.6398,
-76.4126

21.3115, 26.1496,
-53.3042

14.7957, 37.7398,
-86.5759

24.5992, 21.4361,
-42.4206

28.2738, 16.8905,
-32.7038

32.2513, 12.5934,
-24.1099

36.4709, 8.5388,
-16.4665

■ 40.8893, 4.6914,
-9.5873

■ 45.4750, 1.0113,
-3.3102

■ 50.2045, -2.5378,
2.4951

■ 55.0599, -5.9858,
7.9307

Harmonies

Analogous

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



18.5233, 4.3053, -94.5601



18.5231, 30.7517, -65.0117



18.5233, 53.9243, -21.5920

Triad

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



18.5233, 30.7528, -65.0111



18.5233, 17.8861, 12.9663



18.5233, -26.9219, -4.4339

Complementary

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



18.5231, 30.7517, -65.0117



46.4443, -20.8760, 26.9297

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.



18.5233, -25.7289, 10.7684



18.5231, 30.7517, -65.0117



18.5233, -5.7489, 12.9663

Square

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



18.5233, 30.7528, -65.0111



18.5233, 44.4424, 12.9663



18.5233, -19.7854, 12.9663



18.5233, -23.6774, -41.2472

Rectangle

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



18.5231, 30.7517, -65.0117



18.5233, 60.3474, -1.1270



18.5233, -19.7854, 12.9663



18.5233, -27.0247, 2.9162

Sweetspot

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



18.5233, 30.7528, -65.0111



51.8664, 8.2815, -16.3447



36.4332, -11.6174, -16.8830



23.7057, 4.6730, -9.0869



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



18.5233, 30.7528, -65.0111



20.0117, 48.9401, -112.3838



24.3923, 41.0367, -42.6966



22.2470, 0.2651, -1.2269



14.1891, 36.1560, -82.7429



1.3957, 3.1909, -5.3055

Inverse Universe

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



27.0421, 43.0239, -14.9237



33.7410, 62.0659, -18.2811



43.6592, -32.0512, 24.9335



22.6004, 1.3681, -0.0272



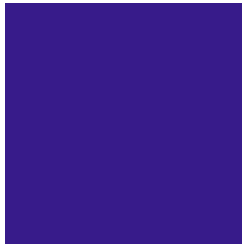
24.2026, 45.1813, -13.3023



2.0314, 3.8902, -1.8761

Previews

White Background



This preview shows how the HunterLab color 18.5231, 30.7517, -65.0117 looks on a white 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

Black Background



This preview shows how the HunterLab color 18.5231, 30.7517, -65.0117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

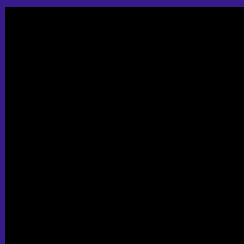
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 18.5231, 30.7517, -65.0117 Background



This preview shows how black text looks on a background with the HunterLab color 18.5231, 30.7517, -65.0117.



This preview shows how white text looks on a background with the HunterLab color 18.5231, 30.7517, -65.0117.

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

18.5231, 30.7517, -65.0117

Protanopia

18.5181, 4.5856, -33.0449

Deuteranopia

18.4690, -0.9010, -21.1397



Tritanopia

18.7446, -7.4752, -3.4552

Trichromacy



Original Color

18.5231, 30.7517, -65.0117

Protanomaly

17.6427, 13.5053, -46.4912

Deuteranomaly

17.4763, 9.7559, -38.1444

Tritanomaly

17.5001, 4.3307, -21.9123

Monochromacy



Original Color

18.5231, 30.7517, -65.0117

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

16.7794, 9.0314, -17.0094

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.5231, 30.7517, -65.0117 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(55, 27, 138)` looks like.

```
.text, #text, p{  
    color:rgb(55, 27, 138)  
}
```

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(55, 27, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 27, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5231, 30.7517, -65.0117 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(55, 27, 138) }
```


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

```
.border{ border-color:rgb(55, 27, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 27, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 27, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 27, 138);  
box-shadow:4px 4px 4px 4px rgb(55, 27,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.5231, 30.7517, -65.0117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 27, 138) }
```

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

```
.background{ background-color: rgb(55, 27,  
138) }
```

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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