

Converting Colors

HunterLab(31.5500, 51.5898,
-23.7305)

Have a look what the booklet for
HunterLab(31.5500, 51.5898,
-23.7305) contains.

HunterLab(31.5050, 51.6011, -23.5182)	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(31.5050, 51.6011,
-23.5182)**

Conversions

Conversions Part 1

Format	Color
Hex	9D1F88
RGB	157, 31, 136
RGB Percent	62%, 12%, 53%
CMY	0.3843, 0.8784, 0.4667
CMYK	0.00, 0.80, 0.13, 0.38
HSL	310°, 67%, 37%
HSV	310°, 80%, 62%
XYZ	18.8386, 9.9257, 24.2155
YIQ	80.6440, 41.3910, 59.3670

Conversions

Conversions Part 2

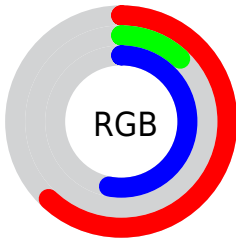
Format	Color
R _Y B	157, 31, 136
Decimal	10297224
CIE _{Lab}	37.71, 60.02, -28.57
CIE _{LCh}	38, 66.472, 334.544
Y _{xy}	9.9261, 0.3556, 0.1874
Android (android.graphics.Color)	4288487304 (0xFF9D1F88)
Y _{UV}	80.6440, 27.2905, 66.9642
Hunter-Lab	31.5050, 51.6011, -23.5182

Details

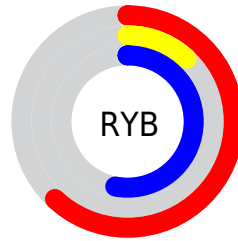
The HunterLab color **31.5050, 51.6011, -23.5182** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **49.6524, -39.2853, 26.0272**, and the grayscale version is **28.4515, -1.5181, 1.5458**.

A 20% lighter version of the original color is **50.6428, 56.0975, -24.8453**, and **18.5434, 35.3794, -16.1041** is the 20% darker color. If you saturate the color by 10%, you get **30.3688, 54.6531, -23.9245**, and if you desaturate by 10%, it is **33.2127, 46.9047, -22.0565**.

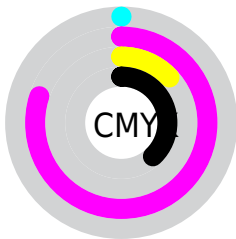
Distribution



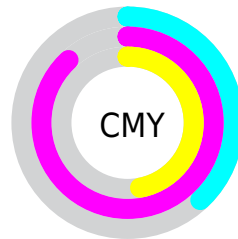
- Red (62%)
- Green (12%)
- Blue (53%)



- Red (62%)
- Yellow (12%)
- Blue (53%)



- Cyan (0%)
- Magenta (80%)
- Yellow (13%)
- Black (38%)



- Cyan (38%)
- Magenta (88%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.5050, 51.6011, -23.5182 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 31.5050, 51.6011, -23.5182 by changing the saturation by 10% instead.

31.5050, 51.6011,
-23.5182

31.5050, 51.6011,
-23.5182

137.8928, 67.4392,
-26.9762

23.1301, 49.4838,
-22.9766

50.6522, 55.7758,
-24.6270

15.6654, 47.5759,
-22.5950

61.3021, 57.7379,
-25.1256

9.2385, 46.5426,
-22.7922

72.6087, 59.5984,
-25.5713

0.0000, INF, -NF

0.0000, NaN, NaN

84.5359, 61.3567,
-25.9613

0.0000, NaN, NaN

97.0529, 63.0155,
-26.2955

0.0000, NaN, NaN

0.0000, NaN, NaN

110.1331, 64.5791,

-26.5748

123.7533, 66.0521,
-26.8011

■ 31.5050, 51.6011,
-23.5182

■ 31.5050, 51.6011,
-23.5182

■ 30.3688, 54.6531,
-23.9245

■ 33.2127, 46.9047,
-22.0565

■ 29.6687, 56.3163,
-23.5243

■ 35.4796, 40.9206,
-19.6845

■ 38.2641, 34.0782,
-16.6170

■ 41.5084, 26.7636,
-13.0710

■ 45.1518, 19.2615,
-9.2241

■ 49.1381, 11.7545,
-5.2041

■ 53.4179, 4.3449,
-1.0952

■ 57.9500, -2.9190,
3.0511

■ 62.7003, -10.0218,
7.2053

Harmonies

Analogous

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



31.5058, 28.9064, -59.8975



31.5050, 51.6011, -23.5182



31.5058, 58.6060, 4.9911

Triad

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



31.5058, 51.5991, -23.5169



31.5058, -5.2479, 22.0540



31.5058, -31.3456, -34.6011

Complementary

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



31.5050, 51.6011, -23.5182



49.6524, -39.2853, 26.0272

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.



31.5058, -35.6971, -1.9558



31.5050, 51.6011, -23.5182



31.5058, -23.7707, 20.7036

Square

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



31.5058, 51.5991, -23.5169



31.5058, 20.6504, 21.3964



31.5058, -33.4091, 15.3298



31.5058, -19.1311, -69.0010

Rectangle

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



31.5050, 51.6011, -23.5182



31.5058, 52.0914, 15.0229



31.5058, -33.4091, 15.3298



31.5058, -33.5787, -22.4427

Sweetspot

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



31.5058, 51.5991, -23.5169



63.4599, 19.9524, -9.2504



20.3592, 34.4464, -79.7464



28.9454, 10.9209, -5.1729



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



31.5058, 51.5991, -23.5169



39.9605, 74.6863, -31.4991



29.3763, 43.3684, 6.1368



25.9530, 1.7411, -0.3289



26.7463, 50.7834, -21.3172



3.6402, 7.0146, -3.6990

Inverse Universe

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



31.5058, 51.5991, -23.5169



39.9605, 74.6863, -31.4991



50.6394, -33.2173, 11.6307



25.9530, 1.7411, -0.3289



26.7463, 50.7834, -21.3172



3.6402, 7.0146, -3.6990

Previews

White Background



This preview shows how the HunterLab color 31.5050, 51.6011, -23.5182 looks on a white background.

Color Contrast Check

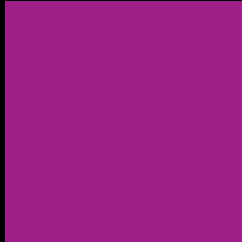
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5050, 51.6011, -23.5182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

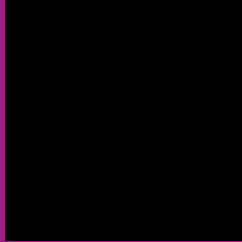
Any Text WCAG AA × Fail

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 31.5050, 51.6011, -23.5182 Background



This preview shows how black text looks on a background with the HunterLab color 31.5050, 51.6011, -23.5182.



This preview shows how white text looks on a background with the HunterLab color 31.5050, 51.6011, -23.5182.

-23.5182.

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

31.5050, 51.6011, -23.5182

Protanopia

32.1783, 11.2895, -62.5197

Deuteranopia

31.9996, 2.2880, -18.0806



Tritanopia

31.5766, 29.7542, 11.1484

Trichromacy



Original Color

31.5050, 51.6011, -23.5182

Protanomaly

28.2780, 21.6788, -57.8366

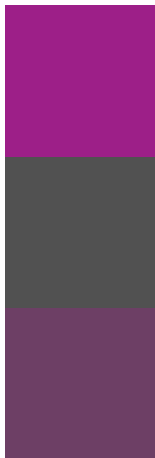
Deuteranomaly

29.6246, 20.3986, -24.3633

Tritanomaly

31.1562, 37.6056, 1.4493

Monochromacy



Original Color

31.5050, 51.6011, -23.5182

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

27.8313, 18.2097, -8.7602

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.5050, 51.6011, -23.5182 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(157, 31, 136)` looks like.

```
.text, #text, p{  
    color:rgb(157, 31, 136)  
}
```

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(157, 31, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 31, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 31.5050, 51.6011, -23.5182 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(157, 31, 136) }
```


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

```
.border{ border-color:rgb(157, 31, 136) }
```

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

Here you see how a box with a 4 pixel rgb(157, 31, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 31, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 31, 136);  
box-shadow:4px 4px 4px 4px rgb(157, 31,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.5050, 51.6011, -23.5182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 31, 136) }
```

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

```
.background{ background-color: rgb(157, 31,  
136) }
```

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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