

Converting Colors

HunterLab(27.6384, 29.1273,
-31.6311)

Have a look what the booklet for
HunterLab(27.6384, 29.1273,
-31.6311) contains.

HunterLab(27.6384, 29.1273, -31.6311)	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(27.6384, 29.1273,
-31.6311)**

Conversions

Conversions Part 1

Format	Color
Hex	6D3687
RGB	109, 54, 135
RGB Percent	43%, 21%, 53%
CMY	0.5725, 0.7882, 0.4706
CMYK	0.19, 0.60, 0.00, 0.47
HSL	281°, 43%, 37%
HSV	281°, 60%, 53%
XYZ	11.9990, 7.6388, 23.7637
YIQ	79.6790, 6.7790, 36.8510

Conversions

Conversions Part 2

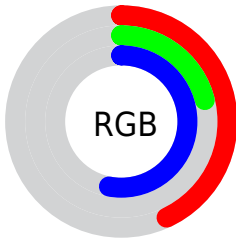
Format	Color
R_{YB}	109, 54, 135
Decimal	7157383
CIE _{Lab}	33.22, 38.67, -35.55
CIE _{LCh}	33, 52.533, 317.407
Yxy	7.6391, 0.2765, 0.1760
Android (android.graphics.Color)	4285347463 (0xFF6D3687)
YUV	79.6790, 27.2733, 25.7145
Hunter-Lab	27.6384, 29.1273, -31.6311

Details

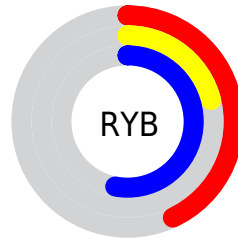
The HunterLab color **27.6384, 29.1273, -31.6311** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **43.9317, -25.5295, 21.9131**, and the grayscale version is **28.1106, -1.4999, 1.5273**.

A 20% lighter version of the original color is **46.2183, 32.0456, -32.7200**, and **12.6445, 25.9585, -32.0528** is the 20% darker color. If you saturate the color by 10%, you get **25.0682, 34.0001, -38.1714**, and if you desaturate by 10%, it is **30.5884, 23.8702, -25.1633**.

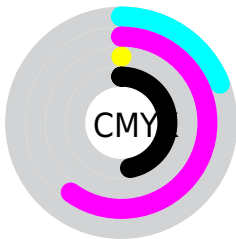
Distribution



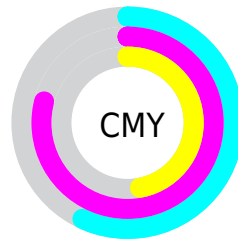
- Red (43%)
- Green (21%)
- Blue (53%)



- Red (43%)
- Yellow (21%)
- Blue (53%)



- Cyan (19%)
- Magenta (60%)
- Yellow (0%)
- Black (47%)



- Cyan (57%)
- Magenta (79%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.6384, 29.1273, -31.6311 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 27.6384, 29.1273, -31.6311 by changing the saturation by 10% instead.

27.6384, 29.1273,
-31.6311

27.6384, 29.1273,
-31.6311

131.4813, 38.9457,
-36.4231

19.6594, 27.4776,
-31.3195

46.0954, 32.0615,
-32.7961

12.6423, 25.7716,
-31.6546

56.4369, 33.3434,
-33.4284

5.9703, 30.3455,
-39.6298

67.4535, 34.5120,
-34.0388

0.0000, INF, -NF

0.0000, NaN, -NF

79.1061, 35.5764,
-34.6115

0.0000, NaN, NaN

91.3618, 36.5449,
-35.1387

0.0000, NaN, NaN

104.1922, 37.4251,

0.0000, NaN, NaN

-35.6170

0.0000, NaN, NaN

117.5726, 38.2234,
-36.0451

■ 27.6384, 29.1273,
-31.6311

■ 27.6384, 29.1273,
-31.6311

■ 25.0682, 34.0001,
-38.1714

■ 30.5884, 23.8702,
-25.1633

■ 22.9384, 38.1249,
-44.4451

■ 33.8568, 18.4735,
-18.9549

■ 21.3003, 41.0596,
-49.9597

■ 37.3925, 13.0756,
-13.0751

■ 20.0190, 43.0204,
-54.7986

■ 41.1534, 7.7453,
-7.5295

■ 20.0188, 43.0207,
-54.7993

■ 45.1057, 2.5095,
-2.2921

■ 49.2228, -2.6271,
2.6751

■ 53.4835, -7.6712,
7.4117

■ 57.8707, -12.6338,
11.9545

■ 62.3708, -17.5274,
16.3362

Harmonies

Analogous

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



27.6390, 9.7357, -52.4697



27.6384, 29.1273, -31.6311



27.6390, 41.3973, -6.7391

Triad

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



27.6390, 29.1267, -31.6301



27.6390, 6.5358, 18.4466



27.6390, -27.4800, -10.3578

Complementary

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



27.6384, 29.1273, -31.6311



43.9317, -25.5295, 21.9131

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.



27.6390, -27.9185, 7.7978



27.6384, 29.1273, -31.6311



27.6390, -11.1442, 18.2753

Square

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



27.6390, 29.1267, -31.6301



27.6390, 26.2706, 16.4705



27.6390, -22.7297, 15.8472



27.6390, -21.3213, -35.6964

Rectangle

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



27.6384, 29.1273, -31.6311



27.6390, 42.2437, 5.4445



27.6390, -22.7297, 15.8472



27.6390, -28.2317, -3.1174

Sweetspot

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



27.6390, 29.1267, -31.6301



55.8994, 9.2381, -8.9315



29.0150, 3.5900, -28.8972



26.2572, 5.3249, -5.1930



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.



27.6390, 29.1267, -31.6301



32.4442, 47.6397, -54.1876



30.3022, 34.1114, -16.4401



21.6562, 0.9765, -0.8770



19.2425, 41.3359, -52.5456



1.2947, 2.6488, -2.5093

Inverse Universe

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



28.9287, 28.1025, 2.7625



34.9001, 45.5390, 5.8966



43.0391, -28.8109, 18.5917



21.7061, 0.9085, 1.0217



22.1701, 38.7127, 8.5449



1.3509, 2.4462, -0.1564

Previews

White Background



This preview shows how the HunterLab color 27.6384, 29.1273, -31.6311 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 27.6384, 29.1273, -31.6311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

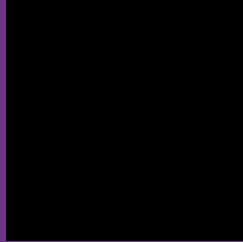
Any Text WCAG AA × Fail

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 27.6384, 29.1273, -31.6311 Background



This preview shows how black text looks on a background with the HunterLab color 27.6384, 29.1273, -31.6311.



This preview shows how white text looks on a background with the HunterLab color 27.6384, 29.1273, -31.6311.

-31.6311.

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

27.6384, 29.1273, -31.6311

Protanopia

27.9238, 8.9649, -50.3654

Deuteranopia

27.8596, 1.9097, -27.7447



Tritanopia

27.8165, 7.8762, 2.7045

Trichromacy



Original Color

27.6384, 29.1273, -31.6311

Protanomaly

26.6766, 13.9889, -46.5126

Deuteranomaly

26.9726, 10.6306, -31.1788

Tritanomaly

27.4358, 14.7158, -7.2764

Monochromacy



Original Color

27.6384, 29.1273, -31.6311

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

27.6599, 8.8228, -8.6453

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.6384, 29.1273, -31.6311 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(109, 54, 135)` looks like.

```
.text, #text, p{  
    color:rgb(109, 54, 135)  
}
```

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(109, 54, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 54, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 27.6384, 29.1273, -31.6311 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(109, 54, 135) }
```


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

```
.border{ border-color:rgb(109, 54, 135) }
```

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

Here you see how a box with a 4 pixel rgb(109, 54, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 54, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 54, 135);  
box-shadow:4px 4px 4px 4px rgb(109, 54,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.6384, 29.1273, -31.6311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 54, 135) }
```

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

```
.background{ background-color: rgb(109, 54,  
135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor