

Converting Colors

HunterLab(27.8100, 14.1840,
-28.3945)

Have a look what the booklet for
HunterLab(27.8100, 14.1840,
-28.3945) contains.

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Color

**HunterLab(27.8100, 14.1840,
-28.3945)**

Conversions

Conversions Part 1

Format	Color
Hex	534583
RGB	83, 69, 131
RGB Percent	33%, 27%, 51%
CMY	0.6745, 0.7294, 0.4863
CMYK	0.37, 0.47, 0.00, 0.49
HSL	254°, 31%, 39%
HSV	254°, 47%, 51%
XYZ	9.7922, 7.7340, 22.4495
YIQ	80.2540, -11.5580, 22.2500

Conversions

Conversions Part 2

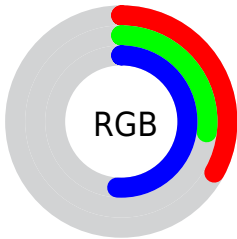
Format	Color
R_{YB}	83, 69, 131
Decimal	5457283
CIE _{Lab}	33.42, 21.37, -32.94
CIE _{LCh}	33, 39.264, 302.970
Yxy	7.7342, 0.2450, 0.1935
Android (android.graphics.Color)	4283647363 (0xFF534583)
YUV	80.2540, 25.0178, 2.4082
Hunter-Lab	27.8100, 14.1840, -28.3945

Details

The HunterLab color $[27.8100, 14.1840, -28.3945]$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $[45.2154, -13.8834, 20.2353]$, and the grayscale version is $[28.3309, -1.5117, 1.5393]$.

A 20% lighter version of the original color is $[46.1889, 15.8016, -29.4718]$, and $[12.6991, 12.3550, -28.3034]$ is the 20% darker color. If you saturate the color by 10%, you get $[24.2251, 18.3458, -37.3056]$, and if you desaturate by 10%, it is $[31.6596, 10.2825, -20.5245]$.

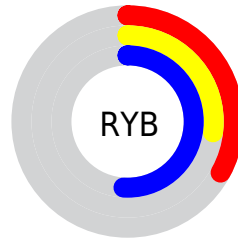
Distribution



Red (33%)

Green (27%)

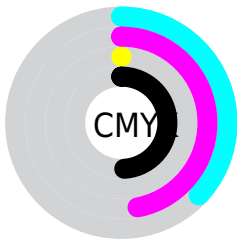
Blue (51%)



Red (33%)

Yellow (27%)

Blue (51%)

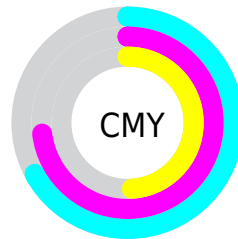


Cyan (37%)

Magenta (47%)

Yellow (0%)

Black (49%)



Cyan (67%)

Magenta (73%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.8100, 14.1840, -28.3945 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 27.8100, 14.1840, -28.3945 by changing the saturation by 10% instead.

■ 27.8100, 14.1840,
-28.3945

■ 27.8100, 14.1840,
-28.3945

■ 131.7697, 17.6661,
-32.8097

■ 19.8126, 13.2833,
-27.9856

■ 46.2988, 15.5841,
-29.5713

■ 12.7746, 12.2215,
-28.0597

■ 56.6544, 16.1187,
-30.1693

■ 6.1560, 14.8143,
-34.1173

■ 67.6843, 16.5606,
-30.7328

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 79.3495, 16.9195,
-31.2508

0.0000, NaN, NaN

■ 91.6172, 17.2035,
-31.7184

0.0000, NaN, NaN

104.4590, 17.4191,

0.0000, NaN, NaN

-32.1339

0.0000, NaN, NaN

117.8504, 17.5718,
-32.4974

■ 27.8100, 14.1840,
-28.3945

■ 27.8100, 14.1840,
-28.3945

■ 24.2251, 18.3458,
-37.3056

■ 31.6596, 10.2825,
-20.5245

■ 20.9752, 22.7398,
-47.3740

■ 35.7211, 6.6147,
-13.5137

■ 18.1595, 27.1940,
-58.4422

■ 39.9584, 3.1393,
-7.1842

■ 15.9023, 31.2566,
-69.7135

■ 44.3445, -0.1838,
-1.3882

■ 14.2355, 34.5176,
-80.0569

■ 48.8596, -3.3887,
3.9908

■ 13.8148, 35.5199,
-83.0224

■ 53.4882, -6.5030,
9.0433

■ 58.2185, -9.5485,
13.8387

■ 63.0408, -12.5422,
18.4305

■ 67.9474, -15.4976,
22.8606

Harmonies

Analogous

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



27.8105, -0.1208, -36.4252



27.8100, 14.1840, -28.3945



27.8105, 25.7783, -12.2918

Triad

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



27.8105, 14.1839, -28.3937



27.8105, 11.3921, 15.7885



27.8105, -23.0382, 0.1971

Complementary

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



27.8100, 14.1840, -28.3945



45.2154, -13.8834, 20.2353

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.



27.8105, -21.1182, 10.5956



27.8100, 14.1840, -28.3945



27.8105, -2.8241, 16.6429

Square

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



27.8105, 14.1839, -28.3937



27.8105, 23.9614, 11.9160



27.8105, -14.3066, 15.3232



27.8105, -20.1631, -15.6617

Rectangle

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



27.8100, 14.1840, -28.3945



27.8105, 29.4330, -1.6983



27.8105, -14.3066, 15.3232



27.8105, -22.9308, 4.3833

Sweetspot

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



27.8105, 14.1839, -28.3937



55.2160, 2.8459, -7.2167



39.6978, -11.1128, -7.8034



26.1160, 1.7806, -4.2011



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



27.8105, 14.1839, -28.3937



31.9664, 25.1193, -51.1842



30.7160, 22.3230, -22.1305



21.4279, 0.2009, -1.1829



13.7100, 35.2440, -82.3419



0.9646, 2.2312, -3.8676

Inverse Universe

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



32.1965, 25.1501, -10.7122



39.5386, 41.8151, -17.4535



43.2064, -21.5698, 18.5195



21.7838, 1.3259, -0.0839



23.8393, 44.7407, -14.9448



1.4416, 2.7688, -1.3948

Previews

White Background



This preview shows how the HunterLab color 27.8100, 14.1840, -28.3945 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 27.8100, 14.1840, -28.3945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

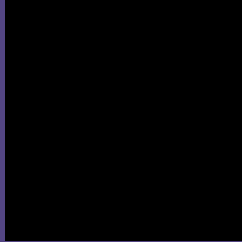
Any Text WCAG AA × Fail

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 27.8100, 14.1840, -28.3945 Background



This preview shows how black text looks on a background with the HunterLab color 27.8100, 14.1840, -28.3945.



This preview shows how white text looks on a background with the HunterLab color 27.8100, 14.1840, -28.3945.

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

27.8100, 14.1840, -28.3945

Protanopia

27.9658, 5.6757, -33.6454

Deuteranopia

27.8949, 1.9326, -26.9212



Tritanopia

27.9744, -2.4005, -1.4641

Trichromacy



Original Color

27.8100, 14.1840, -28.3945

Protanomaly

27.6965, 8.3010, -31.8567

Deuteranomaly

27.5763, 6.1714, -28.3064

Tritanomaly

27.7596, 3.1406, -9.6879

Monochromacy



Original Color

27.8100, 14.1840, -28.3945

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

27.9626, 3.6013, -7.7357

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.8100, 14.1840, -28.3945 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(83, 69, 131)` looks like.

```
.text, #text, p{  
    color:rgb(83, 69, 131)  
}
```

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(83, 69, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 69, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 27.8100, 14.1840, -28.3945 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(83, 69, 131) }
```


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

```
.border{ border-color:rgb(83, 69, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 69, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 69, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 69, 131);  
box-shadow:4px 4px 4px 4px rgb(83, 69,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.8100, 14.1840, -28.3945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 69, 131) }
```

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

```
.background{ background-color: rgb(83, 69,  
131) }
```

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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