

Converting Colors

HunterLab(28.7614, 18.1401,
-23.7046)

Have a look what the booklet for
HunterLab(28.7614, 18.1401,
-23.7046) contains.

HunterLab(28.8884, 18.0872, -23.7963)	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(28.8884, 18.0872,
-23.7963)**

Conversions

Conversions Part 1

Format	Color
Hex	634480
RGB	99, 68, 128
RGB Percent	39%, 27%, 50%
CMY	0.6118, 0.7333, 0.4980
CMYK	0.23, 0.47, 0.00, 0.50
HSL	271°, 31%, 38%
HSV	271°, 47%, 50%
XYZ	11.1090, 8.3454, 21.4474
YIQ	84.1090, -0.7840, 25.2320

Conversions

Conversions Part 2

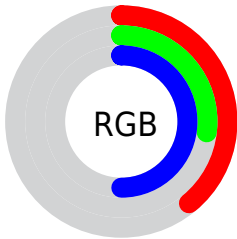
Format	Color
R_{YB}	99, 68, 128
Decimal	6505600
CIE _{Lab}	34.69, 25.96, -28.97
CIE _{LCh}	35, 38.900, 311.870
Yxy	8.3457, 0.2716, 0.2040
Android (android.graphics.Color)	4284695680 (0xFF634480)
YUV	84.1090, 21.6383, 13.0594
Hunter-Lab	28.8884, 18.0872, -23.7963

Details

The HunterLab color $[28.8884, 18.0872, -23.7963]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[42.8920, -18.0781, 18.5533]$, and the grayscale version is $[29.7392, -1.5868, 1.6158]$.

A 20% lighter version of the original color is $[47.5795, 19.7713, -24.8113]$, and $[13.5682, 15.6826, -22.8609]$ is the 20% darker color. If you saturate the color by 10%, you get $[25.7442, 22.6724, -30.7729]$, and if you desaturate by 10%, it is $[32.2934, 13.5295, -17.3588]$.

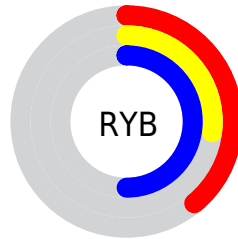
Distribution



Red (39%)

Green (27%)

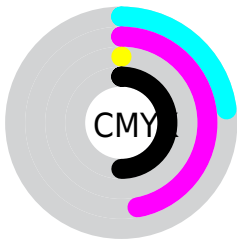
Blue (50%)



Red (39%)

Yellow (27%)

Blue (50%)

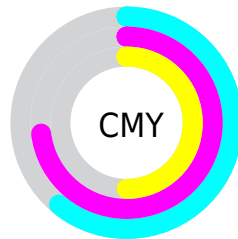


Cyan (23%)

Magenta (47%)

Yellow (0%)

Black (50%)



Cyan (61%)

Magenta (73%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.8884, 18.0872, -23.7963 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 28.8884, 18.0872, -23.7963 by changing the saturation by 10% instead.

■ 28.8884, 18.0872,
-23.7963

■ 28.8884, 18.0872,
-23.7963

■ 133.5736, 23.2363,
-27.4572

■ 20.7773, 16.9753,
-23.2864

■ 47.5746, 19.8991,
-24.9247

■ 13.6103, 15.7105,
-23.0273

■ 58.0183, 20.6308,
-25.4464

■ 7.2078, 16.1423,
-25.1990

■ 69.1309, 21.2633,
-25.9181

0.0000, INF, -NF

0.0000, NaN, -NF

■ 80.8743, 21.8066,
-26.3353

0.0000, NaN, NaN

■ 93.2163, 22.2692,
-26.6967

0.0000, NaN, NaN

106.1292, 22.6580,

0.0000, NaN, NaN

-27.0032

0.0000, NaN, NaN

119.5888, 22.9787,
-27.2561

■ 28.8884, 18.0872,
-23.7963

■ 28.8884, 18.0872,
-23.7963

■ 25.7442, 22.6724,
-30.7729

■ 32.2934, 13.5295,
-17.3588

■ 22.9161, 27.1529,
-38.2414

■ 35.9126, 9.0571,
-11.4283

■ 20.4739, 31.2698,
-45.9769

■ 39.7122, 4.6850,
-5.9378

■ 18.4913, 34.6083,
-53.4809

■ 43.6654, 0.4096,
-0.8162

■ 16.9611, 36.9187,
-60.2909

■ 47.7517, -3.7808,
4.0014

■ 16.4968, 37.6984,
-62.5727

■ 51.9551, -7.9002,
8.5708

■ 56.2626, -11.9623,
12.9382

■ 60.6639, -15.9792,
17.1414

■ 65.1506, -19.9617,
21.2109

Harmonies

Analogous

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



28.8890, 4.0408, -34.9514



28.8884, 18.0872, -23.7963



28.8890, 27.7806, -7.2990

Triad

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



28.8890, 18.0867, -23.7954



28.8890, 7.0623, 16.6392



28.8890, -22.9563, -4.0325

Complementary

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



28.8884, 18.0872, -23.7963



42.8920, -18.0781, 18.5533

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.



28.8890, -22.4487, 8.2977



28.8884, 18.0872, -23.7963



28.8890, -6.7325, 16.8685

Square

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



28.8890, 18.0867, -23.7954



28.8890, 20.6485, 13.7444



28.8890, -17.0207, 14.6489



28.8890, -18.5660, -20.4736

Rectangle

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



28.8884, 18.0872, -23.7963



28.8890, 29.5514, 2.3732



28.8890, -17.0207, 14.6489



28.8890, -23.3268, 0.7482

Sweetspot

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



28.8890, 18.0867, -23.7954



54.0140, 4.7574, -6.1019



33.6707, -2.9672, -15.2653



25.6728, 2.8123, -3.5730



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



28.8890, 18.0867, -23.7954



33.9952, 30.3349, -41.2315



32.0250, 26.4490, -16.9765



20.7664, 0.6561, -0.9347



16.4296, 37.5420, -62.2955

0.0000, NaN, NaN

Inverse Universe

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



30.9625, 21.4937, -2.2011



37.6018, 35.3537, -3.1345



41.3487, -24.1076, 16.9832



20.9193, 1.0001, 0.6117

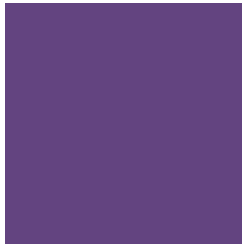


22.1228, 39.4395, 2.2528

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 28.8884, 18.0872, -23.7963 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 28.8884, 18.0872, -23.7963 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 28.8884, 18.0872, -23.7963 Background



This preview shows how black text looks on a background with the HunterLab color 28.8884, 18.0872, -23.7963.



This preview shows how white text looks on a background with the HunterLab color 28.8884, 18.0872, -23.7963.

-23.7963.

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

28.8884, 18.0872, -23.7963

Protanopia

29.1054, 5.5873, -31.7254

Deuteranopia

29.1134, 1.6721, -21.5438



Tritanopia

28.9209, 3.3210, 0.6840

Trichromacy



Original Color

28.8884, 18.0872, -23.7963

Protanomaly

28.8026, 9.2768, -29.2738

Deuteranomaly

28.7575, 7.0513, -22.8519

Tritanomaly

28.7238, 8.5731, -7.0370

Monochromacy



Original Color

28.8884, 18.0872, -23.7963

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

29.1423, 5.0120, -6.4841

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.8884, 18.0872, -23.7963 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(99, 68, 128)` looks like.

```
.text, #text, p{  
    color:rgb(99, 68, 128)  
}
```

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(99, 68, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 68, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 28.8884, 18.0872, -23.7963 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(99, 68, 128) }
```


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

```
.border{ border-color:rgb(99, 68, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 68, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 68, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 68, 128);  
box-shadow:4px 4px 4px 4px rgb(99, 68,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.8884, 18.0872, -23.7963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 68, 128) }
```

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

```
.background{ background-color: rgb(99, 68,  
128) }
```

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