

Converting Colors

HunterLab(28.8786, 18.2906,
-18.2687)

Have a look what the booklet for
HunterLab(28.8786, 18.2906,
-18.2687) contains.

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Color

**HunterLab(28.8330, 18.2989,
-18.4523)**

Conversions

Conversions Part 1

Format	Color
Hex	684378
RGB	104, 67, 120
RGB Percent	41%, 26%, 47%
CMY	0.5922, 0.7372, 0.5294
CMYK	0.13, 0.44, 0.00, 0.53
HSL	282°, 28%, 37%
HSV	282°, 44%, 47%
XYZ	11.1062, 8.3134, 18.7886
YIQ	84.1050, 5.0390, 24.3270

Conversions

Conversions Part 2

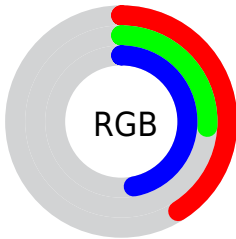
Format	Color
R_{YB}	104, 67, 120
Decimal	6833016
CIE _{Lab}	34.63, 26.22, -24.06
CIE _{LCh}	35, 35.585, 317.466
Yxy	8.3138, 0.2907, 0.2176
Android (android.graphics.Color)	4285023096 (0xFF684378)
YUV	84.1050, 17.6962, 17.4479
Hunter-Lab	28.8330, 18.2989, -18.4523

Details

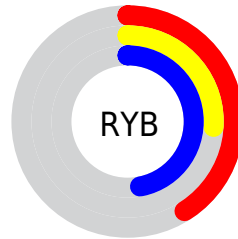
The HunterLab color $[28.8330, 18.2989, -18.4523]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[39.5947, -18.3612, 16.1245]$, and the grayscale version is $[29.7502, -1.5874, 1.6164]$.

A 20% lighter version of the original color is $[47.5140, 20.1565, -19.7028]$, and $[13.5683, 15.7199, -17.4133]$ is the 20% darker color. If you saturate the color by 10%, you get $[26.1144, 23.0218, -23.8490]$, and if you desaturate by 10%, it is $[31.8009, 13.5293, -13.2971]$.

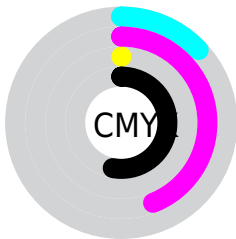
Distribution



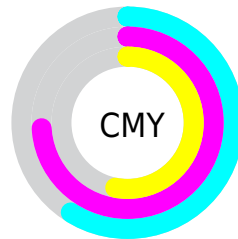
- Red (41%)
- Green (26%)
- Blue (47%)



- Red (41%)
- Yellow (26%)
- Blue (47%)



- Cyan (13%)
- Magenta (44%)
- Yellow (0%)
- Black (53%)



- Cyan (59%)
- Magenta (74%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.8330, 18.2989, -18.4523 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 28.8330, 18.2989, -18.4523 by changing the saturation by 10% instead.

■ 28.8330, 18.2989,
-18.4523

■ 28.8330, 18.2989,
-18.4523

■ 133.4814, 23.5505,
-21.0126

■ 20.7277, 17.1735,
-17.9349

■ 47.5093, 20.1363,
-19.4187

■ 13.5672, 15.8960,
-17.5129

■ 57.9484, 20.8803,
-19.8221

■ 7.1578, 16.4149,
-18.8838

■ 69.0568, 21.5245,
-20.1646

0.0000, INF, -NF

0.0000, NaN, NaN

■ 80.7962, 22.0792,
-20.4466

0.0000, NaN, NaN

■ 93.1345, 22.5527,
-20.6699

0.0000, NaN, NaN

0.0000, NaN, NaN

106.0438, 22.9520,

-20.8370

0.0000, NaN, NaN

119.4998, 23.2829,
-20.9504

■ 28.8330, 18.2989,
-18.4523

■ 28.8330, 18.2989,
-18.4523

■ 26.1144, 23.0218,
-23.8490

■ 31.8009, 13.5293,
-13.2971

■ 23.6896, 27.5477,
-29.3933

■ 34.9773, 8.7970,
-8.4140

■ 21.6108, 31.6285,
-34.8808

■ 38.3314, 4.1388,
-3.7931

■ 19.9276, 34.9238,
-39.9782

■ 41.8380, -0.4334,
0.5911

■ 18.6580, 37.1264,
-44.3196

■ 45.4768, -4.9211,
4.7697

■ 17.9735, 38.3249,
-46.8705

■ 49.2318, -9.3319,
8.7732

■ 53.0899, -13.6762,
12.6297

■ 57.0407, -17.9643,
16.3636

■ 61.0754, -22.2064,
19.9956

Harmonies

Analogous

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



28.8336, 6.0000, -29.6854



28.8330, 18.2989, -18.4523



28.8336, 25.7369, -3.8210

Triad

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



28.8336, 18.2982, -18.4514



28.8336, 3.8395, 16.1216



28.8336, -21.0012, -6.1334

Complementary

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



28.8330, 18.2989, -18.4523



39.5947, -18.3612, 16.1245

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.



28.8336, -21.3797, 6.0858



28.8330, 18.2989, -18.4523



28.8336, -8.3770, 15.9351

Square

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



28.8336, 18.2982, -18.4514



28.8336, 16.4872, 13.8099



28.8336, -17.1403, 13.1076



28.8336, -16.0003, -20.7495

Rectangle

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



28.8330, 18.2989, -18.4523



28.8336, 26.2317, 4.3736



28.8336, -17.1403, 13.1076



28.8336, -21.6387, -1.5480

Sweetspot

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



28.8336, 18.2982, -18.4514



51.2215, 4.9712, -4.5267



29.7603, 1.0535, -17.0445



24.5235, 2.9740, -2.7436



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



28.8336, 18.2982, -18.4514



34.5873, 30.6141, -31.7260



30.2319, 21.3891, -10.0871



20.0491, 0.9030, -0.7695



18.7528, 40.0035, -49.0338



40.3916, 86.6424, -109.3284

Inverse Universe

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



29.3807, 17.3240, 1.8924



35.6149, 28.9788, 3.2179



38.9336, -20.6312, 13.0165



20.0826, 0.7952, 0.9887



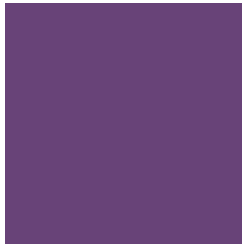
21.1999, 36.9571, 8.6478



46.1566, 80.1814, 21.0127

Previews

White Background



This preview shows how the HunterLab color 28.8330, 18.2989, -18.4523 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 28.8330, 18.2989, -18.4523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

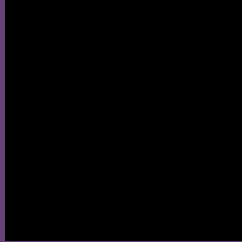
Any Text WCAG AA × Fail

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 28.8330, 18.2989, -18.4523 Background



This preview shows how black text looks on a background with the HunterLab color 28.8330, 18.2989, -18.4523.



This preview shows how white text looks on a background with the HunterLab color 28.8330, 18.2989, -18.4523.

-18.4523.

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

28.8330, 18.2989, -18.4523

Protanopia

28.9830, 4.4131, -25.9899

Deuteranopia

28.9796, 1.8708, -16.5423



Tritanopia

28.9392, 5.7604, 1.5783

Trichromacy



Original Color

28.8330, 18.2989, -18.4523

Protanomaly

28.5346, 8.9131, -23.9811

Deuteranomaly

28.6814, 7.3617, -17.6285

Tritanomaly

28.8426, 9.8622, -4.8031

Monochromacy



Original Color

28.8330, 18.2989, -18.4523

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

29.2164, 5.0576, -4.8588

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.8330, 18.2989, -18.4523 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(104, 67, 120)` looks like.

```
.text, #text, p{  
    color:rgb(104, 67, 120)  
}
```

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(104, 67, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 67, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 28.8330, 18.2989, -18.4523 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(104, 67, 120) }
```


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

```
.border{ border-color:rgb(104, 67, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 67, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 67, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 67, 120); box-shadow:4px 4px 4px 4px rgb(104, 67, 120) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.8330, 18.2989, -18.4523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 67, 120) }
```

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

```
.background{ background-color: rgb(104, 67,  
120) }
```

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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