

Converting Colors

HunterLab(27.9862, -6.8592,
-18.6520)

Have a look what the booklet for
HunterLab(27.9862, -6.8592,
-18.6520) contains.

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Color

**HunterLab(28.0348, -6.9682,
-18.4395)**

Conversions

Conversions Part 1

Format	Color
Hex	0C5575
RGB	12, 85, 117
RGB Percent	5%, 33%, 46%
CMY	0.9529, 0.6667, 0.5412
CMYK	0.90, 0.27, 0.00, 0.54
HSL	198°, 81%, 25%
HSV	198°, 90%, 46%
XYZ	6.6110, 7.8595, 17.9982
YIQ	66.8210, -53.7800, -5.5240

Conversions

Conversions Part 2

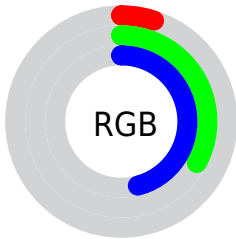
Format	Color
R_{YB}	12, 55, 117
Decimal	808309
CIE _{Lab}	33.69, -8.55, -24.09
CIE _{LCh}	34, 25.563, 250.465
Yxy	7.8598, 0.2036, 0.2421
Android (android.graphics.Color)	4278998389 (0xFF0C5575)
YUV	66.8210, 24.7382, -48.0780
Hunter-Lab	28.0348, -6.9682, -18.4395

Details

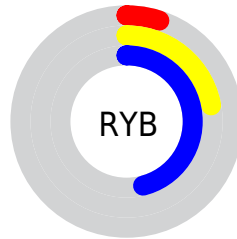
The HunterLab color **28.0348, -6.9682, -18.4395** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **23.6868, 21.1232, 14.0940**, and the grayscale version is **23.5596, -1.2571, 1.2800**.

A 20% lighter version of the original color is **46.7036, -9.2386, -19.0352**, and **13.9544, -0.9735, -15.3403** is the 20% darker color. If you saturate the color by 10%, you get **26.9000, -6.0023, -20.6237**, and if you desaturate by 10%, it is **29.2369, -7.7117, -16.2488**.

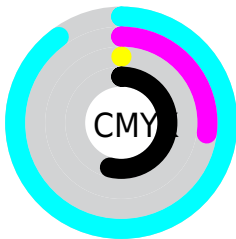
Distribution



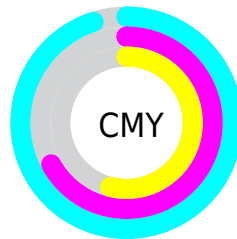
- Red (5%)
- Green (33%)
- Blue (46%)



- Red (5%)
- Yellow (22%)
- Blue (46%)



- Cyan (90%)
- Magenta (27%)
- Yellow (0%)
- Black (54%)



- Cyan (95%)
- Magenta (67%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.0348, -6.9682, -18.4395 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 28.0348, -6.9682, -18.4395 by changing the saturation by 10% instead.

28.0348, -6.9682,
-18.4395

28.0348, -6.9682,
-18.4395

132.1469,
-16.4716, -21.0539

20.0134, -5.9085,
-17.9248

46.5651, -9.0412,
-19.4157

12.9482, -4.8061,
-17.5239

56.9392, -10.0751,
-19.8256

6.3907, -6.1696,
-20.2127

67.9865, -11.1143,
-20.1748

0.0000, NaN, -NF

0.0000, NaN, NaN

79.6681, -12.1620,
-20.4635

0.0000, NaN, NaN

91.9514, -13.2203,
-20.6933

0.0000, NaN, NaN

104.8081,

0.0000, NaN, NaN

-14.2907, -20.8666

0.0000, NaN, NaN

118.2138,
-15.3742, -20.9860

28.0348, -6.9682,
-18.4395

28.0348, -6.9682,
-18.4395

26.9000, -6.0023,
-20.6237

29.2369, -7.7117,
-16.2488

26.8699, -5.9765,
-20.6834

30.5390, -8.1050,
-13.9981

31.9410, -8.1504,
-11.7007

33.4401, -7.8615,
-9.3715

35.0321, -7.2590,
-7.0239

■ 36.7121, -6.3669,
-4.6696

■ 38.4750, -5.2107,
-2.3177

■ 40.3156, -3.8154,
0.0249

■ 42.2288, -2.2050,
2.3533

Harmonies

Analogous

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



28.0353, -13.3137, -11.1560



28.0348, -6.9682, -18.4395



28.0353, 1.6637, -19.5377

Triad

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



28.0353, -6.9679, -18.4389



28.0353, 17.2930, 4.3123



28.0353, -11.7164, 11.2655

Complementary

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



28.0348, -6.9682, -18.4395



23.6868, 21.1232, 14.0940

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.



28.0353, -4.5244, 13.2403



28.0348, -6.9682, -18.4395



28.0353, 12.6721, 10.1358

Square

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



28.0353, -6.9679, -18.4389



28.0353, 16.4266, -4.4498



28.0353, 4.4277, 12.9035



28.0353, -15.8105, 6.4208

Rectangle

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



28.0348, -6.9682, -18.4395



28.0353, 7.6708, -16.3378



28.0353, 4.4277, 12.9035



28.0353, -9.6205, 12.2069

Sweetspot

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



28.0353, -6.9679, -18.4389



49.5987, -8.2325, -5.6072



36.0265, -28.5690, 17.8570



23.4955, -4.1213, -3.0793



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



28.0353, -6.9679, -18.4389



35.6144, -7.4851, -28.3569



15.6551, 17.1490, -53.7919



19.9396, -1.8289, 0.0925



28.1547, -6.1996, -21.8078



60.8811, -11.7691, -50.6901

Inverse Universe

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



21.6819, 37.0359, -9.4935



27.9653, 51.6398, -10.9861



34.8923, -1.7920, 20.8775



19.3386, 1.0603, 0.1223



21.9641, 40.6070, -9.0074



48.3230, 89.0571, -17.6301

Previews

White Background



This preview shows how the HunterLab color 28.0348, -6.9682, -18.4395 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 28.0348, -6.9682, -18.4395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

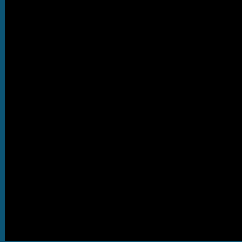
Any Text WCAG AA × Fail

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 28.0348, -6.9682, -18.4395 Background



This preview shows how black text looks on a background with the HunterLab color 28.0348, -6.9682, -18.4395.



This preview shows how white text looks on a background with the HunterLab color 28.0348, -6.9682, -18.4395.

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

28.0348, -6.9682, -18.4395

Protanopia

28.0387, 2.1667, -14.4857

Deuteranopia

28.0928, 1.6084, -18.8342



Tritanopia

27.9386, -13.3999, -5.9943

Trichromacy



Original Color

28.0348, -6.9682, -18.4395

Protanomaly

27.7588, -2.6520, -16.3103

Deuteranomaly

27.7605, -2.2289, -19.5392

Tritanomaly

27.9669, -11.2439, -10.1676

Monochromacy



Original Color

28.0348, -6.9682, -18.4395

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

24.8149, -5.5839, -5.3413

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.0348, -6.9682, -18.4395 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(12, 85, 117)` looks like.

```
.text, #text, p{  
    color:rgb(12, 85, 117)  
}
```

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(12, 85, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 85, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 28.0348, -6.9682, -18.4395 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(12, 85, 117) }
```


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

```
.border{ border-color:rgb(12, 85, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 85, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 85, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 85, 117);  
box-shadow:4px 4px 4px 4px rgb(12, 85,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.0348, -6.9682, -18.4395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 85, 117) }
```

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

```
.background{ background-color: rgb(12, 85,  
117) }
```

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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