

Converting Colors

HunterLab(28.1428, -6.8999,
-20.5377)

Have a look what the booklet for
HunterLab(28.1428, -6.8999,
-20.5377) contains.

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Color

**HunterLab(28.0233, -6.7545,
-20.4456)**

Conversions

Conversions Part 1

Format	Color
Hex	005578
RGB	0, 85, 120
RGB Percent	0%, 33%, 47%
CMY	0.9999, 0.6667, 0.5294
CMYK	1.00, 0.29, 0.00, 0.53
HSL	198°, 100%, 24%
HSV	198°, 100%, 47%
XYZ	6.6387, 7.8531, 18.9352
YIQ	63.5750, -61.8950, -7.1350

Conversions

Conversions Part 2

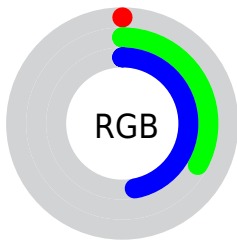
Format	Color
RYB	0, 50, 120
Decimal	21880
CIELab	33.68, -8.20, -25.99
CIELCh	34, 27.252, 252.483
Yxy	7.8533, 0.1986, 0.2349
Android (android.graphics.Color)	4278211960 (0xFF005578)
YUV	63.5750, 27.8175, -55.7553
Hunter-Lab	28.0233, -6.7545, -20.4456

Details

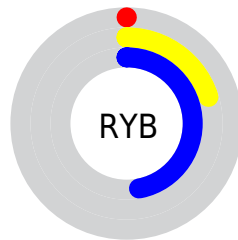
The HunterLab color **28.0233, -6.7545, -20.4456** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **22.7948, 25.4747, 14.4909**, and the grayscale version is **22.4183, -1.1962, 1.2180**.

A 20% lighter version of the original color is **46.6930, -9.0328, -20.9454**, and **14.0446, -0.4794, -16.5198** is the 20% darker color. If you saturate the color by 10%, you get **28.0224, -6.7530, -20.4477**, and if you desaturate by 10%, it is **29.1486, -7.6961, -18.3177**.

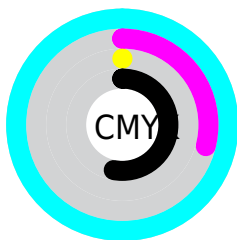
Distribution



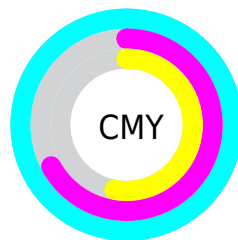
- Red (0%)
- Green (33%)
- Blue (47%)



- Red (0%)
- Yellow (20%)
- Blue (47%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (67%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.0233, -6.7545, -20.4456 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 28.0233, -6.7545, -20.4456 by changing the saturation by 10% instead.

28.0233, -6.7545,
-20.4456

28.0233, -6.7545,
-20.4456

132.1276,
-16.0951, -23.5094

20.0031, -5.7211,
-19.9280

46.5515, -8.7824,
-21.4931

12.9393, -4.6493,
-19.5837

56.9246, -9.7964,
-21.9520

6.3789, -5.9439,
-22.7385

67.9710, -10.8171,
-22.3540

0.0000, NaN, -NF

0.0000, NaN, NaN

79.6518, -11.8474,
-22.6972

0.0000, NaN, NaN

91.9343, -12.8892,
-22.9824

0.0000, NaN, NaN

104.7903,

0.0000, NaN, NaN

-13.9438, -23.2114

0.0000, NaN, NaN

118.1952,
-15.0122, -23.3863

28.0233, -6.7545,
-20.4456

28.0233, -6.7545,
-20.4456

28.0224, -6.7530,
-20.4477

29.1486, -7.6961,
-18.3177

30.3398, -8.4133,
-16.1771

31.6332, -8.7719,
-13.9666

33.0287, -8.7722,
-11.6994

34.5240, -8.4269,
-9.3904

■ 36.1152, -7.7557,
-7.0536

■ 37.7977, -6.7829,
-4.7014

■ 39.5662, -5.5340,
-2.3439

■ 41.4157, -4.0348,
0.0110

Harmonies

Analogous

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



28.0238, -13.6673, -12.8233



28.0233, -6.7545, -20.4456



28.0238, 2.5360, -21.1157

Triad

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



28.0238, -6.7542, -20.4450



28.0238, 18.5214, 5.0072



28.0238, -12.7335, 11.5062

Complementary

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



28.0233, -6.7545, -20.4456



22.7948, 25.4747, 14.4909

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.



28.0238, -5.3137, 13.6906



28.0233, -6.7545, -20.4456



28.0238, 13.1870, 10.8616

Square

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



28.0238, -6.7542, -20.4450



28.0238, 18.0011, -4.1861



28.0238, 4.1793, 13.5021



28.0238, -16.7923, 6.2413

Rectangle

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



28.0233, -6.7545, -20.4456



28.0238, 8.9341, -17.3016



28.0238, 4.1793, 13.5021



28.0238, -10.5949, 12.5326

Sweetspot

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



28.0238, -6.7542, -20.4450



49.9565, -9.1049, -6.4686



36.8086, -30.4419, 19.7093



23.9439, -4.6631, -3.6680



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.



28.0238, -6.7542, -20.4450



36.8443, -8.4840, -27.7378



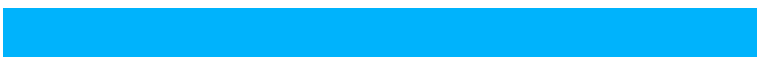
14.4758, 21.0322, -63.4922



20.7950, -1.9443, 0.1115



29.2260, -6.9903, -21.4399



62.6269, -13.4755, -49.1883

Inverse Universe

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



21.5623, 39.9640, -9.6462



28.5530, 52.8541, -12.2172



34.6398, -0.0773, 21.3428



20.1458, 1.1347, 0.0896



22.5148, 41.7237, -9.9971



49.0169, 90.5671, -19.6753

Previews

White Background



This preview shows how the HunterLab color 28.0233, -6.7545, -20.4456 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 28.0233, -6.7545, -20.4456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

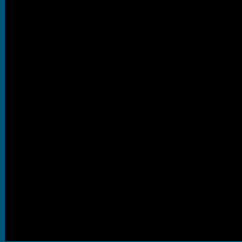
Any Text WCAG AA × Fail

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 28.0233, -6.7545, -20.4456 Background



This preview shows how black text looks on a background with the HunterLab color 28.0233, -6.7545, -20.4456.



This preview shows how white text looks on a background with the HunterLab color 28.0233, -6.7545, -20.4456.

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

28.0233, -6.7545, -20.4456

Protanopia

28.0938, 2.5903, -16.2405

Deuteranopia

28.1109, 1.9272, -20.7971



Tritanopia

27.9386, -13.3999, -5.9943

Trichromacy



Original Color

28.0233, -6.7545, -20.4456

Protanomaly

27.6756, -2.6969, -18.3911

Deuteranomaly

27.7081, -2.1512, -21.6713

Tritanomaly

27.9569, -11.2100, -10.7444

Monochromacy



Original Color

28.0233, -6.7545, -20.4456

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

23.9713, -5.9684, -6.0789

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.0233, -6.7545, -20.4456 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(0, 85, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 85, 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(0, 85, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 85, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 28.0233, -6.7545, -20.4456 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(0, 85, 120) }
```


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

```
.border{ border-color:rgb(0, 85, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 85, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 85, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 85, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 85, 120)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.0233, -6.7545, -20.4456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 85, 120) }
```

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

```
.background{ background-color: rgb(0, 85,  
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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