

Converting Colors

HunterLab(25.2831, -22.7143,
-28.9748)

Have a look what the booklet for
HunterLab(25.2831, -22.7143,
-28.9748) contains.

HunterLab(28.9992, -7.2617, -20.5704)	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(28.9992, -7.2617,
-20.5704)**

Conversions

Conversions Part 1

Format	Color
Hex	00587B
RGB	0, 88, 123
RGB Percent	0%, 35%, 48%
CMY	0.9999, 0.6549, 0.5176
CMYK	1.00, 0.28, 0.00, 0.52
HSL	197°, 100%, 24%
HSV	197°, 100%, 48%
XYZ	7.0649, 8.4095, 19.9898
YIQ	65.6780, -63.6830, -7.7710

Conversions

Conversions Part 2

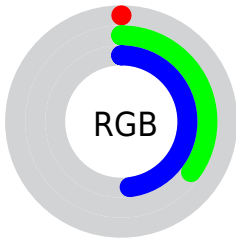
Format	Color
RYB	0, 51, 123
Decimal	22651
CIELab	34.82, -8.83, -26.05
CIELCh	35, 27.502, 251.274
Yxy	8.4098, 0.1992, 0.2371
Android (android.graphics.Color)	4278212731 (0xFF00587B)
YUV	65.6780, 28.2597, -57.5996
Hunter-Lab	28.9992, -7.2617, -20.5704

Details

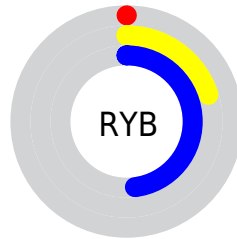
The HunterLab color **28.9992, -7.2617, -20.5704** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **23.2681, 26.5600, 14.8015**, and the grayscale version is **23.1506, -1.2353, 1.2578**.

A 20% lighter version of the original color is **47.7996, -9.3157, -21.6572**, and **14.9069, -0.9422, -16.5984** is the 20% darker color. If you saturate the color by 10%, you get **28.9982, -7.2601, -20.5727**, and if you desaturate by 10%, it is **30.1310, -8.2071, -18.4508**.

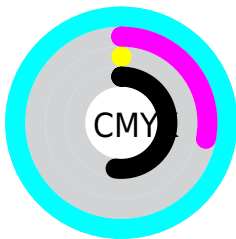
Distribution



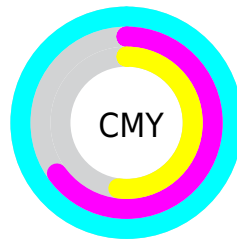
- Red (0%)
- Green (35%)
- Blue (48%)



- Red (0%)
- Yellow (20%)
- Blue (48%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (65%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.9992, -7.2617, -20.5704 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 28.9992, -7.2617, -20.5704 by changing the saturation by 10% instead.

■ 28.9992, -7.2617,
-20.5704

■ 28.9992, -7.2617,
-20.5704

■ 133.7580,
-16.9035, -23.5963

■ 20.8765, -6.1837,
-20.0455

■ 47.7054, -9.3695,
-21.6131

■ 13.6965, -5.0634,
-19.6685

■ 58.1579, -10.4199,
-22.0672

■ 7.3065, -5.6558,
-21.1390

■ 69.2789, -11.4750,
-22.4640

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.0303, -12.5379,
-22.8021

0.0000, NaN, NaN

■ 93.3799, -13.6110,
-23.0825

0.0000, NaN, NaN

■ 106.3000,

0.0000, NaN, NaN

-14.6956, -23.3068

0.0000, NaN, NaN

119.7665,
-15.7928, -23.4773

28.9992, -7.2617,
-20.5704

28.9992, -7.2617,
-20.5704

28.9982, -7.2601,
-20.5727

30.1310, -8.2071,
-18.4508

31.3316, -8.9166,
-16.3105

32.6367, -9.2578,
-14.0942

34.0466, -9.2300,
-11.8151

35.5593, -8.8453,
-9.4882

■ 37.1708, -8.1235,
-7.1278

■ 38.8766, -7.0889,
-4.7471

■ 40.6716, -5.7680,
-2.3567

■ 42.5504, -4.1872,
0.0349

Harmonies

Analogous

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



28.9997, -14.2030, -12.6233



28.9992, -7.2617, -20.5704



28.9997, 2.1635, -21.5758

Triad

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



28.9997, -7.2614, -20.5698



28.9997, 18.9532, 4.8176



28.9997, -12.7883, 11.9474

Complementary

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



28.9992, -7.2617, -20.5704



23.2681, 26.5600, 14.8015

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.



28.9997, -5.0835, 14.0907



28.9992, -7.2617, -20.5704



28.9997, 13.7332, 10.9654

Square

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



28.9997, -7.2614, -20.5698



28.9997, 18.1699, -4.6700



28.9997, 4.6431, 13.8023



28.9997, -17.0945, 6.6866

Rectangle

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



28.9992, -7.2617, -20.5704



28.9997, 8.7114, -17.8905



28.9997, 4.6431, 13.8023



28.9997, -10.5553, 12.9645

Sweetspot

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



28.9997, -7.2614, -20.5698



51.8484, -9.6039, -6.5922



37.7978, -31.2725, 20.2659



24.7706, -4.9120, -3.7389



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



28.9997, -7.2614, -20.5698



38.4795, -9.2372, -28.1556



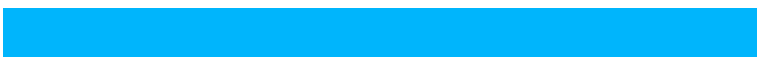
14.8279, 21.7176, -65.4117



20.8058, -1.9619, 0.1245



29.4778, -7.3606, -20.9552



63.2019, -14.3346, -48.0526

Inverse Universe

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



22.1719, 41.1438, -10.3068



29.6260, 54.9080, -13.2021



35.5549, -0.0495, 21.9071



20.1469, 1.1408, 0.0735



22.5479, 41.8419, -10.4527



49.0914, 90.8333, -20.7026

Previews

White Background



This preview shows how the HunterLab color 28.9992, -7.2617, -20.5704 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 28.9992, -7.2617, -20.5704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

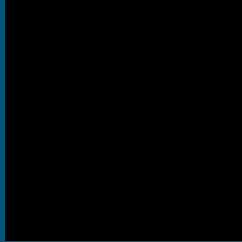
Any Text WCAG AA × Fail

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 28.9992, -7.2617, -20.5704 Background



This preview shows how black text looks on a background with the HunterLab color 28.9992, -7.2617, -20.5704.



This preview shows how white text looks on a background with the HunterLab color 28.9992, -7.2617, -20.5704.

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

28.9992, -7.2617, -20.5704

Protanopia

29.1699, 2.5082, -16.1893

Deuteranopia

29.1787, 1.8045, -20.7357



Tritanopia

28.9206, -13.9138, -6.1123

Trichromacy



Original Color

28.9992, -7.2617, -20.5704

Protanomaly

28.6888, -3.0287, -18.4441

Deuteranomaly

28.6831, -2.6186, -21.7879

Tritanomaly

28.9376, -11.7180, -10.8738

Monochromacy



Original Color

28.9992, -7.2617, -20.5704

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

24.6534, -6.0444, -6.5994

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.9992, -7.2617, -20.5704 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, 88, 123)` looks like.

```
.text, #text, p{  
    color:rgb(0, 88, 123)  
}
```

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, 88, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 88, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 28.9992, -7.2617, -20.5704 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, 88, 123) }
```


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

```
.border{ border-color:rgb(0, 88, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 88, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 88, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 88, 123);  
box-shadow:4px 4px 4px 4px rgb(0, 88, 123)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.9992, -7.2617, -20.5704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 88, 123) }
```

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

```
.background{ background-color: rgb(0, 88,  
123) }
```

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