

Converting Colors

HunterLab(31.2008, -8.2982,
-21.0849)

Have a look what the booklet for
HunterLab(31.2008, -8.2982,
-21.0849) contains.

HunterLab(31.2988, -8.4552, -20.8683)	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(31.2988, -8.4552,
-20.8683)**

Conversions

Conversions Part 1

Format	Color
Hex	005F82
RGB	0, 95, 130
RGB Percent	0%, 37%, 51%
CMY	0.9999, 0.6274, 0.4902
CMYK	1.00, 0.27, 0.00, 0.49
HSL	196°, 100%, 25%
HSV	196°, 100%, 51%
XYZ	8.1215, 9.7961, 22.5819
YIQ	70.5850, -67.8550, -9.2550

Conversions

Conversions Part 2

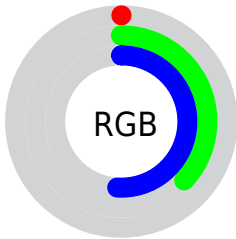
Format	Color
RYB	0, 55, 130
Decimal	24450
CIELab	37.47, -10.26, -26.19
CIELCh	37, 28.128, 248.597
Yxy	9.7965, 0.2005, 0.2419
Android (android.graphics.Color)	4278214530 (0xFF005F82)
YUV	70.5850, 29.2916, -61.9030
Hunter-Lab	31.2988, -8.4552, -20.8683

Details

The HunterLab color **31.2988, -8.4552, -20.8683** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **24.3906, 29.0928, 15.5374**, and the grayscale version is **24.8739, -1.3272, 1.3514**.

A 20% lighter version of the original color is **50.2886, -10.5740, -22.0162**, and **16.6608, -1.8760, -16.7747** is the 20% darker color. If you saturate the color by 10%, you get **31.2977, -8.4535, -20.8707**, and if you desaturate by 10%, it is **32.4453, -9.4089, -18.7652**.

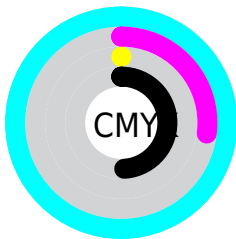
Distribution



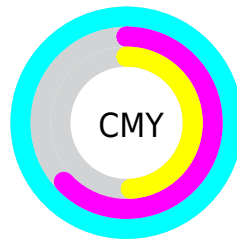
- Red (0%)
- Green (37%)
- Blue (51%)



- Red (0%)
- Yellow (22%)
- Blue (51%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (63%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2988, -8.4552, -20.8683 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 31.2988, -8.4552, -20.8683 by changing the saturation by 10% instead.

31.2988, -8.4552,
-20.8683

31.2988, -8.4552,
-20.8683

137.5548,
-18.7757, -23.8063

22.9439, -7.2782,
-20.3313

50.4103, -10.7418,
-21.8981

15.5020, -6.0512,
-19.8950

61.0443, -11.8737,
-22.3409

9.0966, -5.4028,
-19.9104

72.3359, -13.0063,
-22.7260

0.0000, NaN, -NF

0.0000, NaN, -NF

84.2488, -14.1431,
-23.0527

0.0000, NaN, NaN

96.7523, -15.2868,
-23.3220

0.0000, NaN, NaN

109.8196,

0.0000, NaN, NaN

-16.4393, -23.5359

0.0000, NaN, NaN

123.4273,
-17.6019, -23.6966

■ 31.2988, -8.4552,
-20.8683

■ 31.2988, -8.4552,
-20.8683

■ 31.2977, -8.4535,
-20.8707

■ 32.4453, -9.4089,
-18.7652

■ 33.6671, -10.1008,
-16.6239

■ 34.9989, -10.4015,
-14.3932

■ 36.4420, -10.3078,
-12.0856

■ 37.9946, -9.8305,
-9.7164

■ 39.6533, -8.9896,
-7.3010

■ 41.4136, -7.8100,
-4.8535

■ 43.2701, -6.3196,
-2.3862

■ 45.2174, -4.5464,
0.0911

Harmonies

Analogous

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



31.2993, -15.4625, -12.1680



31.2988, -8.4552, -20.8683



31.2993, 1.2876, -22.6522

Triad

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



31.2993, -8.4549, -20.8677



31.2993, 19.9630, 4.3439



31.2993, -12.8996, 12.9848

Complementary

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



31.2988, -8.4552, -20.8683



24.3906, 29.0928, 15.5374

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.



31.2993, -4.5250, 15.0279



31.2988, -8.4552, -20.8683



31.2993, 15.0173, 11.1840

Square

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



31.2993, -8.4549, -20.8677



31.2993, 18.5623, -5.8242



31.2993, 5.7433, 14.4940



31.2993, -17.7929, 7.7289

Rectangle

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



31.2988, -8.4552, -20.8683



31.2993, 8.1874, -19.2712



31.2993, 5.7433, 14.4940



31.2993, -10.4438, 13.9799

Sweetspot

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



31.2993, -8.4549, -20.8677



54.7916, -10.4867, -6.6673



40.1061, -33.3269, 21.8157



25.6723, -5.2686, -3.7152



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.



31.2993, -8.4549, -20.8677



41.2311, -10.7798, -28.2648



15.9940, 22.2622, -68.0447



21.6729, -2.0876, 0.1506



30.6656, -8.3049, -20.4014

0.0000, NaN, NaN

Inverse Universe

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



23.6062, 43.9221, -11.8779



31.2849, 58.1459, -15.2072



37.1448, 0.9852, 22.9049



20.9601, 1.2192, 0.0316



23.1167, 43.0197, -11.6642

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 31.2988, -8.4552, -20.8683 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 31.2988, -8.4552, -20.8683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

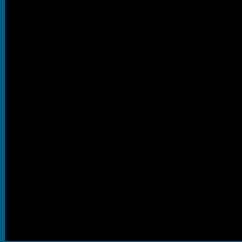
Any Text WCAG AA × Fail

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 31.2988, -8.4552, -20.8683 Background



This preview shows how black text looks on a background with the HunterLab color 31.2988, -8.4552, -20.8683.

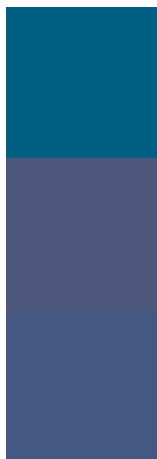


This preview shows how white text looks on a background with the HunterLab color 31.2988, -8.4552, -20.8683.

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

31.2988, -8.4552, -20.8683

Protanopia

31.3838, 2.5627, -16.6412

Deuteranopia

31.4811, 2.2258, -21.6757



Tritanopia

31.2666, -14.9295, -6.8520

Trichromacy



Original Color

31.2988, -8.4552, -20.8683

Protanomaly

30.7761, -3.4641, -19.1231

Deuteranomaly

31.0746, -3.3918, -21.8810

Tritanomaly

31.2845, -12.7014, -11.6843

Monochromacy



Original Color

31.2988, -8.4552, -20.8683

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

26.5856, -7.0278, -6.3220

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2988, -8.4552, -20.8683 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, 95, 130)` looks like.

```
.text, #text, p{  
    color:rgb(0, 95, 130)  
}
```

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, 95, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 95, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2988, -8.4552, -20.8683 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, 95, 130) }
```


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

```
.border{ border-color:rgb(0, 95, 130) }
```

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

Here you see how a box with a 4 pixel rgb(0, 95, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 95, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 95, 130);  
box-shadow:4px 4px 4px 4px rgb(0, 95, 130)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.2988, -8.4552, -20.8683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 95, 130) }
```

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

```
.background{ background-color: rgb(0, 95,  
130) }
```

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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