

Converting Colors

HunterLab(31.7456, -7.5060,
-23.4758)

Have a look what the booklet for
HunterLab(31.7456, -7.5060,
-23.4758) contains.

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Color

**HunterLab(31.8041, -7.6365,
-23.2673)**

Conversions

Conversions Part 1

Format	Color
Hex	006087
RGB	0, 96, 135
RGB Percent	0%, 38%, 53%
CMY	0.9999, 0.6235, 0.4706
CMYK	1.00, 0.29, 0.00, 0.47
HSL	197°, 100%, 26%
HSV	197°, 100%, 53%
XYZ	8.5560, 10.1150, 24.4231
YIQ	71.7420, -69.7350, -8.2230

Conversions

Conversions Part 2

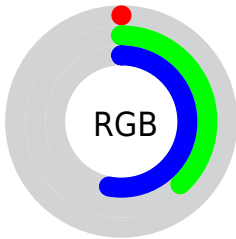
Format	Color
R_{YB}	0, 56, 135
Decimal	24711
CIE Lab	38.05, -8.88, -28.33
CIE LCh	38, 29.691, 252.599
Yxy	10.1153, 0.1985, 0.2347
Android (android.graphics.Color)	4278214791 (0xFF006087)
YUV	71.7420, 31.1862, -62.9177
Hunter-Lab	31.8041, -7.6365, -23.2673

Details

The HunterLab color **31.8041, -7.6365, -23.2673** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **25.6968, 29.4822, 16.3491**, and the grayscale version is **25.2777, -1.3488, 1.3734**.

A 20% lighter version of the original color is **50.8438, -9.7022, -24.3207**, and **17.1379, -1.0332, -19.1906** is the 20% darker color. If you saturate the color by 10%, you get **31.8029, -7.6345, -23.2701**, and if you desaturate by 10%, it is **33.0671, -8.7732, -20.8772**.

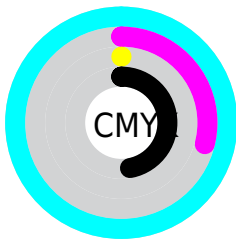
Distribution



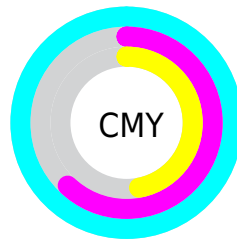
- Red (0%)
- Green (38%)
- Blue (53%)



- Red (0%)
- Yellow (22%)
- Blue (53%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (62%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.8041, -7.6365, -23.2673 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 31.8041, -7.6365, -23.2673 by changing the saturation by 10% instead.

31.8041, -7.6365,
-23.2673

31.8041, -7.6365,
-23.2673

138.3811,
-17.3198, -26.6605

23.3998, -6.5631,
-22.7237

51.0022, -9.7464,
-24.3679

15.9024, -5.4559,
-22.3258

61.6750, -10.8007,
-24.8594

9.4395, -4.6030,
-22.4578

73.0032, -11.8606,
-25.2973

0.0000, NaN, -NF

0.0000, NaN, -NF

84.9508, -12.9291,
-25.6791

0.0000, NaN, NaN

97.4873, -14.0080,
-26.0049

0.0000, NaN, NaN

110.5862,

0.0000, NaN, NaN

-15.0989, -26.2758

0.0000, NaN, NaN

124.2243,
-16.2025, -26.4937

■ 31.8041, -7.6365,
-23.2673

■ 31.8041, -7.6365,
-23.2673

■ 31.8029, -7.6345,
-23.2701

■ 33.0671, -8.7732,
-20.8772

■ 34.4142, -9.6217,
-18.4532

■ 35.8795, -10.0549,
-15.9452

■ 37.4633, -10.0715,
-13.3681

■ 39.1633, -9.6848,
-10.7391

■ 40.9750, -8.9177,
-8.0750

■ 42.8930, -7.7979,
-5.3904

■ 44.9115, -6.3557,
-2.6974

■ 47.0243, -4.6211,
-0.0055

Harmonies

Analogous

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



31.8046, -15.5048, -14.6232



31.8041, -7.6365, -23.2673



31.8046, 2.9278, -23.9941

Triad

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



31.8046, -7.6361, -23.2667



31.8046, 21.0430, 5.7215



31.8046, -14.4929, 13.0542

Complementary

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



31.8041, -7.6365, -23.2673



25.6968, 29.4822, 16.3491

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.



31.8046, -6.0750, 15.5458



31.8041, -7.6365, -23.2673



31.8046, 14.9567, 12.3561

Square

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



31.8046, -7.6361, -23.2667



31.8046, 20.4789, -4.7147



31.8046, 4.7090, 15.3418



31.8046, -19.0881, 7.0587

Rectangle

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



31.8041, -7.6365, -23.2673



31.8046, 10.1969, -19.6372



31.8046, 4.7090, 15.3418



31.8046, -12.0680, 14.2239

Sweetspot

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



31.8046, -7.6361, -23.2667



57.2193, -10.5523, -7.4604



41.7970, -34.6303, 22.5159



27.0764, -5.3627, -4.2258



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



31.8046, -7.6361, -23.2667



42.2240, -9.7211, -31.7912



16.2517, 24.4925, -73.1813



22.4891, -2.1228, 0.1094



30.5777, -7.3878, -22.2714



2.1202, -0.8771, -0.7567

Inverse Universe

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



24.4865, 45.3786, -10.9130



32.7229, 60.5725, -13.9992



39.2537, 0.0647, 24.1883



21.7727, 1.2666, 0.0732



23.5177, 43.5958, -10.5473



1.4293, 2.7257, -1.2315

Previews

White Background



This preview shows how the HunterLab color 31.8041, -7.6365, -23.2673 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 × Fail

Black Background



This preview shows how the HunterLab color 31.8041, -7.6365, -23.2673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

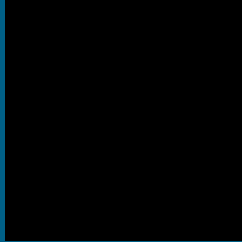
Any Text WCAG AA × Fail

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 31.8041, -7.6365, -23.2673 Background



This preview shows how black text looks on a background with the HunterLab color 31.8041, -7.6365, -23.2673.

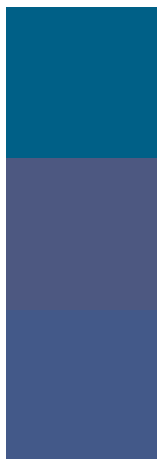


This preview shows how white text looks on a background with the HunterLab color 31.8041, -7.6365, -23.2673.

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

31.8041, -7.6365, -23.2673

Protanopia

31.8468, 3.1915, -18.9862

Deuteranopia

31.8499, 2.5623, -24.3863



Tritanopia

31.8997, -15.4739, -6.4680

Trichromacy



Original Color

31.8041, -7.6365, -23.2673

Protanomaly

31.2631, -2.7277, -21.5062

Deuteranomaly

31.5364, -2.7344, -24.4064

Tritanomaly

31.9500, -13.0461, -11.7719

Monochromacy



Original Color

31.8041, -7.6365, -23.2673

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

27.0036, -6.7044, -7.2489

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.8041, -7.6365, -23.2673 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, 96, 135)` looks like.

```
.text, #text, p{  
    color:rgb(0, 96, 135)  
}
```

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, 96, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 96, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 31.8041, -7.6365, -23.2673 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, 96, 135) }
```


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

```
.border{ border-color:rgb(0, 96, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 96, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 96, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 96, 135);  
box-shadow:4px 4px 4px 4px rgb(0, 96, 135)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.8041, -7.6365, -23.2673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 96, 135) }
```

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

```
.background{ background-color: rgb(0, 96,  
135) }
```

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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