

Converting Colors

HunterLab(41.5888, -2.9933,
-45.5207)

Have a look what the booklet for
HunterLab(41.5888, -2.9933,
-45.5207) contains.

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Color

**HunterLab(41.5195, -2.8796,
-45.6796)**

Conversions

Conversions Part 1	
Format	Color
Hex	0078C0
RGB	0, 120, 192
RGB Percent	0%, 47%, 75%
CMY	0.9998, 0.5294, 0.2471
CMYK	1.00, 0.37, 0.00, 0.25
HSL	203°, 100%, 38%
HSV	203°, 100%, 75%
XYZ	16.2309, 17.2387, 52.3411
YIQ	92.3280, -94.6320, -3.0480

Conversions

Conversions Part 2

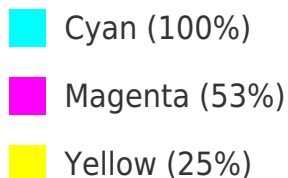
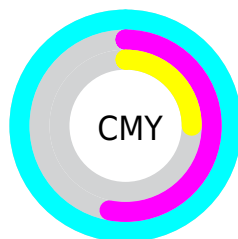
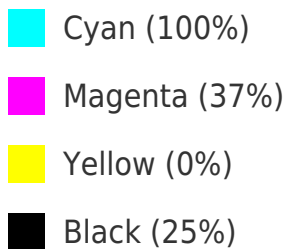
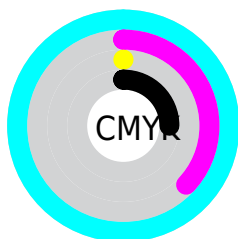
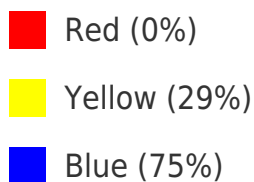
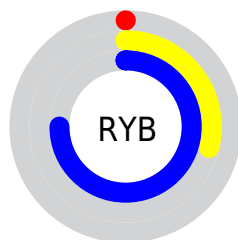
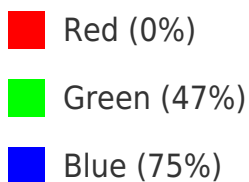
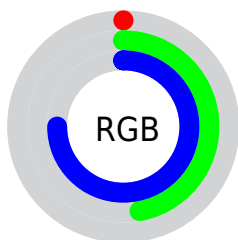
Format	Color
RYB	0, 74, 192
Decimal	30912
CIELab	48.56, -0.87, -45.36
CIELCh	49, 45.370, 268.897
Yxy	17.2392, 0.1892, 0.2009
Android (android.graphics.Color)	4278220992 (0xFF0078C0)
YUV	92.3280, 49.1383, -80.9717
Hunter-Lab	41.5195, -2.8796, -45.6796

Details

The HunterLab color **41.5195, -2.8796, -45.6796** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **39.8076, 38.2168, 25.1966**, and the grayscale version is **32.6894, -1.7442, 1.7761**.

A 20% lighter version of the original color is **62.2716, -4.1462, -47.0325**, and **25.4356, 3.9437, -40.3056** is the 20% darker color. If you saturate the color by 10%, you get **41.5155, -2.8728, -45.6893**, and if you desaturate by 10%, it is **43.7924, -5.7000, -40.6329**.



Distribution





Brightness & Saturation Gradients



These gradients show how the HunterLab color 41.5195, -2.8796, -45.6796 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 41.5195, -2.8796, -45.6796 by changing the saturation by 10% instead.

 41.5195, -2.8796, -45.6796	 41.5195, -2.8796, -45.6796
---	---

153.8009, -9.2395, -51.4531	 32.2571, -2.3303, -45.2315
--------------------------------	---


 62.2388, -4.0815, -46.9952	 23.8085, -1.8201, -45.1673
---	---

 73.5994, -4.7320, -47.7114	 16.2620, -1.3510, -45.9755
---	---

 85.5779, -5.4132, -48.4196	 9.7422, -0.9260, -49.0652
---	--

 98.1438, -6.1239, -49.1032	0.0000, NaN, -NF
---	------------------

	0.0000, NaN, -NF
--	------------------

 111.2708, -6.8628, -49.7526	0.0000, NaN, -NF
--	------------------

 124.9359, -7.6290,	0.0000, NaN, NaN
--	------------------

-50.3625

0.0000, NaN, NaN

139.1187, -8.4215,
-50.9298

■ 41.5195, -2.8796,
-45.6796

■ 41.5195, -2.8796,
-45.6796

■ 41.5155, -2.8728,
-45.6893

■ 43.7924, -5.7000,
-40.6329

■ 46.2475, -7.9424,
-35.5750

■ 48.9115, -9.4934,
-30.4785

■ 51.7790, -10.3626,
-25.3789

■ 54.8402, -10.5861,
-20.3091

■ 58.0825, -10.2140,
-15.2949

■ 61.4932, -9.3020,
-10.3538

■ 65.0595, -7.9058,
-5.4962

■ 68.7691, -6.0786,
-0.7267

Harmonies

Analogous

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



41.5201, -18.5593, -36.7381



41.5195, -2.8796, -45.6796



41.5201, 15.7785, -37.8929

Triad

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



41.5201, -2.8788, -45.6786



41.5201, 32.4580, 15.1838



41.5201, -27.7925, 15.8766

Complementary

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



41.5195, -2.8796, -45.6796



39.8076, 38.2168, 25.1966

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.



41.5201, -17.5902, 21.9333



41.5195, -2.8796, -45.6796



41.5201, 17.1222, 21.6692

Square

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



41.5201, -2.8788, -45.6786



41.5201, 38.1515, 1.6242



41.5201, -1.5523, 23.4896



41.5201, -31.3559, 2.8860

Rectangle

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



41.5195, -2.8796, -45.6796



41.5201, 27.0655, -25.5770



41.5201, -1.5523, 23.4896



41.5201, -25.1214, 18.5493

Sweetspot

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



41.5201, -2.8788, -45.6786



82.5396, -12.5989, -14.2678



61.7636, -50.3741, 31.5464



37.3164, -6.1095, -7.9130



98.8636, -5.2751, 5.3714



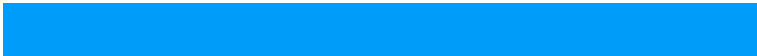
45.2661, -2.4153, 2.4594

Same Dimension

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



41.5201, -2.8788, -45.6786



55.4342, -3.1251, -62.5418



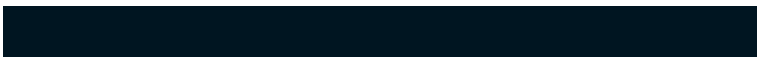
21.2808, 45.5995, -125.0287



32.8222, -2.8329, -0.2096



34.2798, -2.7252, -36.9638



7.9788, -1.8910, -5.8906

Inverse Universe

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



35.4450, 64.5202, -6.7532



47.6566, 86.6620, -8.3407



62.1505, -6.9525, 38.1740



31.9083, 1.9589, 0.3385



29.1007, 53.0238, -5.9086



6.1556, 11.4041, -2.7088

Previews

White Background



This preview shows how the HunterLab color 41.5195, -2.8796, -45.6796 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 41.5195, -2.8796, -45.6796 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 41.5195, -2.8796, -45.6796 Background



This preview shows how black text looks on a background with the HunterLab color 41.5195, -2.8796, -45.6796.



This preview shows how white text looks on a background with the HunterLab color 41.5195, -2.8796, -45.6796.

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

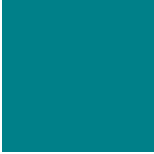
41.5195, -2.8796, -45.6796

Protanopia

41.6405, 6.8299, -39.5752

Deuteranopia

41.6331, 3.4395, -46.1349






Tritanopia

41.5265, -20.0817, -8.5539

Trichromacy

	Original Color 41.5195, -2.8796, -45.6796
	Protanomaly 41.1508, 1.2850, -43.1695
	Deuteranomaly 41.2361, 0.6618, -47.1198
	Tritanomaly 41.3540, -14.4461, -20.5039

Monochromacy

	Original Color 41.5195, -2.8796, -45.6796
	Achromatopsia 32.7144, -1.7456, 1.7774
	Achromatomaly 34.6281, -6.7252, -13.7466

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.5195, -2.8796, -45.6796 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, 120, 192)` looks like.

```
.text, #text, p{  
    color:rgb(0, 120, 192)  
}
```

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, 120, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 120, 192) }
```

Border

The CSS property to change the border of an element to HunterLab 41.5195, -2.8796, -45.6796 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, 120, 192) }
```


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

```
.border{ border-color:rgb(0, 120, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 120, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 120, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 120, 192);  
box-shadow:4px 4px 4px 4px rgb(0, 120,  
192) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.5195, -2.8796, -45.6796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 120, 192) }
```

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

```
.background{ background-color: rgb(0, 120,  
192) }
```

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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