

Converting Colors

HunterLab(41.0191, -17.3578,
-27.8227)

Have a look what the booklet for
HunterLab(41.0191, -17.3578,
-27.8227) contains.

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Color

**HunterLab(42.3896,
-12.8518, -25.2398)**

Conversions

Conversions Part 1

Format	Color
Hex	007FA7
RGB	0, 127, 167
RGB Percent	0%, 50%, 65%
CMY	0.9999, 0.5020, 0.3451
CMYK	1.00, 0.24, 0.00, 0.35
HSL	194°, 100%, 33%
HSV	194°, 100%, 65%
XYZ	14.5644, 17.9688, 39.2599
YIQ	93.5870, -88.5320, -14.4840

Conversions

Conversions Part 2

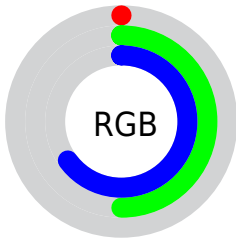
Format	Color
RYB	0, 72, 167
Decimal	32679
CIELab	49.46, -14.59, -29.49
CIELCh	49, 32.901, 243.683
Yxy	17.9694, 0.2029, 0.2503
Android (android.graphics.Color)	4278222759 (0xFF007FA7)
YUV	93.5870, 36.1926, -82.0758
Hunter-Lab	42.3896, -12.8518, -25.2398

Details

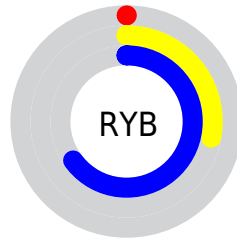
The HunterLab color **42.3896, -12.8518, -25.2398** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **31.2014, 40.9164, 19.9408**, and the grayscale version is **33.2002, -1.7715, 1.8038**.

A 20% lighter version of the original color is **63.3167, -15.7351, -25.9722**, and **25.8584, -5.0845, -21.3447** is the 20% darker color. If you saturate the color by 10%, you get **42.3878, -12.8491, -25.2436**, and if you desaturate by 10%, it is **43.7492, -14.0622, -22.8345**.

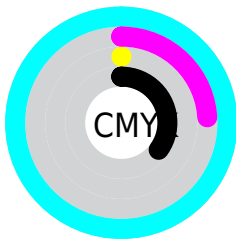
Distribution



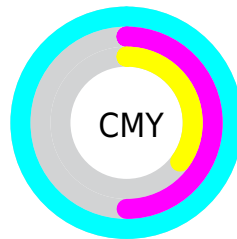
- Red (0%)
- Green (50%)
- Blue (65%)



- Red (0%)
- Yellow (28%)
- Blue (65%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (50%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.3896, -12.8518, -25.2398 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 42.3896, -12.8518, -25.2398 by changing the saturation by 10% instead.

■ 42.3896, -12.8518,
-25.2398

■ 42.3896, -12.8518,
-25.2398

■ 155.1446,
-25.1041, -28.3858

■ 33.0575, -11.4186,
-24.6628

■ 63.2338, -15.6240,
-26.3030

■ 24.5325, -9.9307,
-24.1123

■ 74.6514, -16.9850,
-26.7618

■ 16.9006, -8.3535,
-23.7102

■ 86.6839, -18.3380,
-27.1660

■ 10.2819, -6.8961,
-23.8206

■ 99.3012, -19.6874,
-27.5150

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 112.4775,
-21.0365, -27.8098

0.0000, NaN, NaN

■ 126.1899,

0.0000, NaN, NaN

-22.3878, -28.0520

0.0000, NaN, NaN

140.4183,
-23.7432, -28.2434

■ 42.3896, -12.8518,
-25.2398

■ 42.3896, -12.8518,
-25.2398

■ 42.3878, -12.8491,
-25.2436

■ 43.7492, -14.0622,
-22.8345

■ 45.2209, -14.8723,
-20.3294

■ 46.8378, -15.1583,
-17.6834

■ 48.6041, -14.9066,
-14.9088

■ 50.5196, -14.1256,
-12.0238

■ 52.5810, -12.8379,
-9.0489

■ 54.7832, -11.0751,
-6.0039

■ 57.1199, -8.8741,
-2.9069

■ 59.5842, -6.2732,
0.2266

Harmonies

Analogous

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



42.3903, -21.2338, -13.2273



42.3896, -12.8518, -25.2398



42.3903, -0.6359, -29.1982

Triad

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



42.3903, -12.8514, -25.2390



42.3903, 25.8779, 3.8161



42.3903, -15.3343, 17.7822

Complementary

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



42.3896, -12.8518, -25.2398



31.2014, 40.9164, 19.9408

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.



42.3903, -3.8681, 19.9167



42.3896, -12.8518, -25.2398



42.3903, 20.7683, 13.5503

Square

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



42.3903, -12.8514, -25.2390



42.3903, 22.7265, -9.7335



42.3903, 9.4765, 18.6425



42.3903, -22.5405, 11.6057

Rectangle

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



42.3896, -12.8518, -25.2398



42.3903, 8.3223, -25.9821



42.3903, 9.4765, 18.6425



42.3903, -11.9039, 18.8943

Sweetspot

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



42.3903, -12.8514, -25.2390



73.1433, -14.9699, -8.2658



52.7108, -44.2069, 29.5481



34.0270, -7.5625, -4.6956



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



42.3903, -12.8514, -25.2390



56.4305, -16.7779, -34.3146



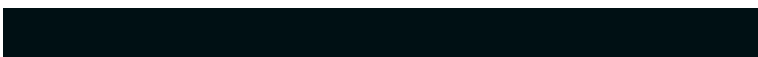
21.5252, 27.8180, -86.9504



28.6757, -2.9176, 0.2129



37.1848, -11.3889, -21.8924



6.3895, -2.5768, -2.4238

Inverse Universe

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



31.2227, 58.3719, -17.8679



41.7417, 77.9766, -23.3580



47.1718, 4.3111, 29.1414



27.6323, 1.7972, -0.1273



27.3256, 51.1154, -15.8258



4.3465, 8.2711, -3.6064

Previews

White Background



This preview shows how the HunterLab color 42.3896, -12.8518, -25.2398 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 42.3896, -12.8518, -25.2398 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.3896, -12.8518, -25.2398 Background



This preview shows how black text looks on a background with the HunterLab color 42.3896, -12.8518, -25.2398.



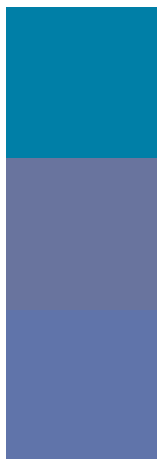
This preview shows how white text looks on a background with the HunterLab color 42.3896, -12.8518, -25.2398.

-12.8518, -25.2398.

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

42.3896, -12.8518, -25.2398

Protanopia

42.3824, 2.6626, -19.0898

Deuteranopia

42.2846, 3.3589, -27.2103



Tritanopia

42.2596, -20.2421, -9.1239

Trichromacy



Original Color

42.3896, -12.8518, -25.2398

Protanomaly

41.4722, -6.0170, -22.7550

Deuteranomaly

41.5808, -4.9292, -27.9871

Tritanomaly

42.3114, -17.7027, -14.6706

Monochromacy



Original Color

42.3896, -12.8518, -25.2398

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

35.5657, -9.6989, -8.4100

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.3896, -12.8518, -25.2398 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, 127, 167)` looks like.

```
.text, #text, p{  
    color:rgb(0, 127, 167)  
}
```

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, 127, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 127, 167) }
```

Border

The CSS property to change the border of an element to HunterLab 42.3896, -12.8518, -25.2398 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, 127, 167) }
```


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

```
.border{ border-color:rgb(0, 127, 167) }
```

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

Here you see how a box with a 4 pixel rgb(0, 127, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 127, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 127, 167);  
box-shadow:4px 4px 4px 4px rgb(0, 127,  
167) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.3896, -12.8518, -25.2398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 127, 167) }
```

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

```
.background{ background-color: rgb(0, 127,  
167) }
```

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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