

Converting Colors

HunterLab(28.8024, -13.7806,
-6.2522)

Have a look what the booklet for
HunterLab(28.8024, -13.7806,
-6.2522) contains.

HunterLab(28.9206, -13.9138, -6.1123)	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(28.9206,
-13.9138, -6.1123)**

Conversions

Conversions Part 1

Format	Color
Hex	005B62
RGB	0, 91, 98
RGB Percent	0%, 36%, 38%
CMY	1.0000, 0.6431, 0.6157
CMYK	1.00, 0.07, 0.00, 0.62
HSL	184°, 100%, 19%
HSV	184°, 100%, 38%
XYZ	5.9457, 8.3640, 12.8563
YIQ	64.5890, -56.4830, -17.1150

Conversions

Conversions Part 2

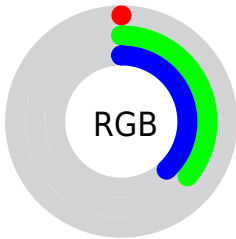
Format	Color
RYB	0, 47, 98
Decimal	23394
CIELab	34.73, -20.18, -10.65
CIELCh	35, 22.818, 207.830
Yxy	8.3643, 0.2189, 0.3079
Android (android.graphics.Color)	4278213474 (0xFF005B62)
YUV	64.5890, 16.4716, -56.6446
Hunter-Lab	28.9206, -13.9138, -6.1123

Details

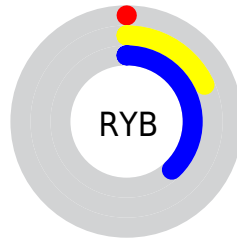
The HunterLab color **28.9206, -13.9138, -6.1123** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **16.5798, 26.0349, 10.6712**, and the grayscale version is **22.8078, -1.2170, 1.2392**.

A 20% lighter version of the original color is **47.4571, -17.3196, -6.5838**, and **14.5764, -6.4269, -4.3453** is the 20% darker color. If you saturate the color by 10%, you get **28.9208, -13.9139, -6.1123**, and if you desaturate by 10%, it is **29.2366, -13.7459, -5.6589**.

Distribution



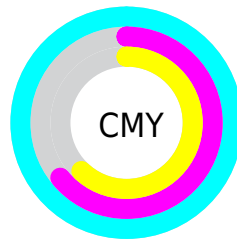
- Red (0%)
- Green (36%)
- Blue (38%)



- Red (0%)
- Yellow (18%)
- Blue (38%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.9206, -13.9138, -6.1123 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 28.9206, -13.9138, -6.1123 by changing the saturation by 10% instead.

■ 28.9206, -13.9138,
-6.1123

■ 28.9206, -13.9138,
-6.1123

■ 133.6272,
-29.0179, -4.5942

■ 20.8061, -11.9377,
-5.9539

■ 47.6126, -17.5446,
-6.1872

■ 13.6353, -9.7720,
-5.7061

■ 58.0589, -19.2627,
-6.1205

■ 7.2366, -12.5372,
-6.0700

■ 69.1739, -20.9399,
-5.9928

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 80.9196, -22.5877,
-5.8094

0.0000, NaN, NaN

■ 93.2638, -24.2139,
-5.5745

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.1788,

-25.8248, -5.2916

0.0000, NaN, NaN

119.6404,
-27.4249, -4.9640

28.9206, -13.9138,
-6.1123

28.9206, -13.9138,
-6.1123

28.9208, -13.9139,
-6.1123

29.2366, -13.7459,
-5.6589

29.5813, -13.4665,
-5.1686

29.9926, -12.9322,
-4.5881

30.4753, -12.1300,
-3.9149

31.0321, -11.0552,
-3.1495

■ 31.6648, -9.7106,
-2.2950

■ 32.3738, -8.1047,
-1.3562

■ 33.1585, -6.2503,
-0.3394

■ 34.0177, -4.1635,
0.7485

Harmonies

Analogous

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



28.9211, -15.3494, 2.1222



28.9206, -13.9138, -6.1123



28.9211, -9.2773, -13.7269

Triad

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



28.9211, -13.9138, -6.1119



28.9211, 12.6399, -7.3366



28.9211, -0.9607, 12.7002

Complementary

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



28.9206, -13.9138, -6.1123



16.5798, 26.0349, 10.6712

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.



28.9211, 7.0967, 11.4127



28.9206, -13.9138, -6.1123



28.9211, 15.4612, 1.0154

Square

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



28.9211, -13.9138, -6.1119



28.9211, 5.9813, -14.5583



28.9211, 13.3315, 7.5988



28.9211, -8.3721, 11.7445

Rectangle

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



28.9206, -13.9138, -6.1123



28.9211, -4.7123, -16.6617



28.9211, 13.3315, 7.5988



28.9211, 1.7654, 12.5251

Sweetspot

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



28.9211, -13.9138, -6.1119



42.7670, -10.9351, -1.9122



29.5802, -25.1915, 17.4096



20.7170, -5.6378, -1.1081



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



28.9211, -13.9138, -6.1119



38.2034, -18.3182, -8.2070



16.0361, 5.8822, -32.7395



16.9302, -1.9426, 0.4342



33.3352, -16.0088, -7.1078



76.6967, -36.5664, -16.9278

Inverse Universe

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



18.3092, 35.4776, -20.1486



24.2237, 46.9220, -26.5030



23.1959, 8.8806, 14.4480



16.2040, 0.9663, -0.2710



21.1214, 40.9208, -23.1715



48.7625, 94.3862, -52.8226

Previews

White Background



This preview shows how the HunterLab color 28.9206, -13.9138, -6.1123 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 28.9206, -13.9138, -6.1123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

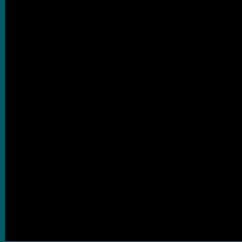
Any Text WCAG AA × Fail

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 28.9206, -13.9138, -6.1123 Background



This preview shows how black text looks on a background with the HunterLab color 28.9206, -13.9138, -6.1123.



This preview shows how white text looks on a background with the HunterLab color 28.9206,

-13.9138, -6.1123.

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

28.9206, -13.9138, -6.1123

Protanopia

28.9189, -0.1024, -2.9410

Deuteranopia

28.9187, 1.7176, -6.8692



Tritanopia

28.9652, -13.7398, -6.0453

Trichromacy



Original Color

28.9206, -13.9138, -6.1123

Protanomaly

28.3001, -7.6811, -4.8819

Deuteranomaly

28.1874, -6.3441, -7.5717

Tritanomaly

28.9541, -13.7833, -6.0620

Monochromacy



Original Color

28.9206, -13.9138, -6.1123

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

24.2998, -7.9792, -2.2975

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.9206, -13.9138, -6.1123 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, 91, 98)` looks like.

```
.text, #text, p{  
    color:rgb(0, 91, 98)  
}
```

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, 91, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 91, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 28.9206, -13.9138, -6.1123 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, 91, 98) }
```


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

```
.border{ border-color:rgb(0, 91, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 91, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 91, 98); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 91, 98); box-shadow:4px  
4px 4px 4px rgb(0, 91, 98) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.9206, -13.9138, -6.1123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 91, 98) }
```

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

```
.background{ background-color: rgb(0, 91,  
98) }
```

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