

Converting Colors

HunterLab(30.2389, -12.8434,
-10.5295)

Have a look what the booklet for
HunterLab(30.2389, -12.8434,
-10.5295) contains.

HunterLab(30.2179, -12.6115, -10.5450)	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(30.2179,
-12.6115, -10.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	005E6E
RGB	0, 94, 110
RGB Percent	0%, 37%, 43%
CMY	0.9999, 0.6314, 0.5686
CMYK	1.00, 0.15, 0.00, 0.57
HSL	189°, 100%, 22%
HSV	189°, 100%, 43%
XYZ	6.8172, 9.1312, 16.1550
YIQ	67.7180, -61.1600, -14.9520

Conversions

Conversions Part 2

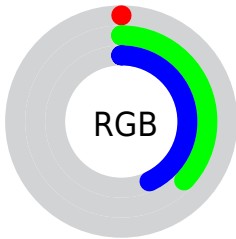
Format	Color
RYB	0, 51, 110
Decimal	24174
CIELab	36.24, -17.41, -15.82
CIELCh	36, 23.523, 222.255
Yxy	9.1315, 0.2124, 0.2844
Android (android.graphics.Color)	4278214254 (0xFF005E6E)
YUV	67.7180, 20.8450, -59.3887
Hunter-Lab	30.2179, -12.6115, -10.5450

Details

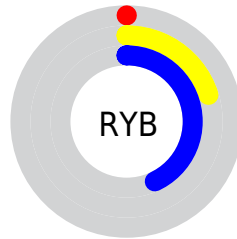
The HunterLab color **30.2179, -12.6115, -10.5450** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **19.1990, 27.9134, 12.3178**, and the grayscale version is **23.8898, -1.2747, 1.2980**.

A 20% lighter version of the original color is **49.2706, -15.9596, -11.0527**, and **15.6898, -5.5403, -7.6510** is the 20% darker color. If you saturate the color by 10%, you get **30.2177, -12.6112, -10.5456**, and if you desaturate by 10%, it is **30.8062, -12.7756, -9.6329**.

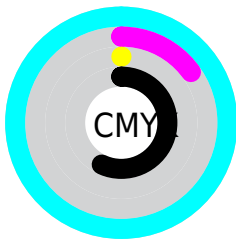
Distribution



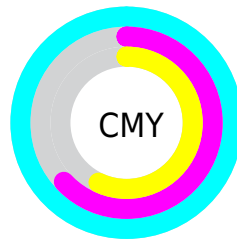
- Red (0%)
- Green (37%)
- Blue (43%)



- Red (0%)
- Yellow (20%)
- Blue (43%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (63%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.2179, -12.6115, -10.5450 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 30.2179, -12.6115, -10.5450 by changing the saturation by 10% instead.

30.2179, -12.6115,
-10.5450

30.2179, -12.6115,
-10.5450

135.7778,
-26.3256, -10.6876

21.9706, -10.8778,
-10.1994

49.1413, -15.8433,
-11.0123

14.6498, -9.0037,
-9.7930

59.6910, -17.3900,
-11.1397

8.3090, -9.5745,
-9.6093

70.9032, -18.9091,
-11.2023

0.0000, NaN, -NF

0.0000, NaN, NaN

82.7410, -20.4093,
-11.2047

0.0000, NaN, NaN

95.1729, -21.8969,
-11.1510

0.0000, NaN, NaN

0.0000, NaN, NaN

108.1717,

-23.3766, -11.0448

0.0000, NaN, NaN

121.7136,
-24.8519, -10.8894

30.2179, -12.6115,
-10.5450

30.2179, -12.6115,
-10.5450

30.2177, -12.6112,
-10.5456

30.8062, -12.7756,
-9.6329

31.4376, -12.7776,
-8.6737

32.1489, -12.4796,
-7.6146

32.9442, -11.8703,
-6.4571

33.8253, -10.9491,
-5.2064

■ 34.7926, -9.7238,
-3.8702

■ 35.8448, -8.2079,
-2.4572

■ 36.9802, -6.4190,
-0.9771

■ 38.1961, -4.3773,
0.5608

Harmonies

Analogous

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



30.2184, -15.7679, -1.7829



30.2179, -12.6115, -10.5450



30.2184, -6.3572, -16.8353

Triad

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



30.2184, -12.6114, -10.5445



30.2184, 15.2634, -3.3947



30.2184, -4.9496, 13.0940

Complementary

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



30.2179, -12.6115, -10.5450



19.1990, 27.9134, 12.3178

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.



30.2184, 3.4411, 12.8820



30.2179, -12.6115, -10.5450



30.2184, 15.7461, 4.7128

Square

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



30.2184, -12.6114, -10.5445



30.2184, 9.9678, -11.9971



30.2184, 11.2228, 10.2239



30.2184, -11.6777, 10.9125

Rectangle

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



30.2179, -12.6115, -10.5450



30.2184, -0.9792, -17.9619



30.2184, 11.2228, 10.2239



30.2184, -2.2436, 13.2792

Sweetspot

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



30.2184, -12.6114, -10.5445



47.3846, -11.0541, -3.4118



33.4450, -28.3200, 19.3328



22.6434, -5.6502, -1.9320



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



30.2184, -12.6114, -10.5445



39.8786, -16.4964, -14.2338



16.3298, 10.6107, -43.3134



19.3302, -2.1021, 0.3594



33.0714, -13.7595, -11.6335



73.1501, -29.8469, -27.0003

Inverse Universe

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



20.3064, 38.7515, -17.7292



26.8843, 51.2691, -23.1626



27.6667, 7.0705, 17.1710



18.5621, 1.1212, -0.2017



22.2485, 42.4500, -19.3353



49.5576, 94.3963, -41.8320

Previews

White Background



This preview shows how the HunterLab color 30.2179, -12.6115, -10.5450 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 30.2179, -12.6115, -10.5450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

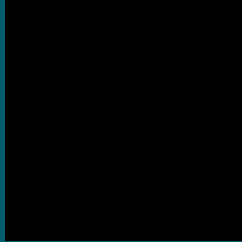
Any Text WCAG AA × Fail

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 30.2179, -12.6115, -10.5450 Background



This preview shows how black text looks on a background with the HunterLab color 30.2179, -12.6115, -10.5450.



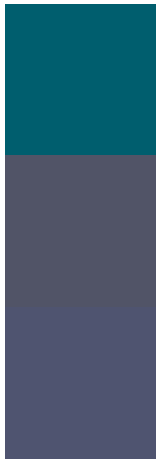
This preview shows how white text looks on a background with the HunterLab color 30.2179, -12.6115, -10.5450.

-12.6115, -10.5450.

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

30.2179, -12.6115, -10.5450

Protanopia

30.1152, 0.7138, -6.6939

Deuteranopia

30.2866, 1.9243, -11.3129



Tritanopia

30.2386, -14.6039, -6.2700

Trichromacy



Original Color

30.2179, -12.6115, -10.5450

Protanomaly

29.5806, -6.4636, -9.2164

Deuteranomaly

29.6736, -5.7643, -11.8650

Tritanomaly

30.3387, -14.0138, -7.6689

Monochromacy



Original Color

30.2179, -12.6115, -10.5450

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

25.3887, -7.7901, -3.6031

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.2179, -12.6115, -10.5450 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, 94, 110)` looks like.

```
.text, #text, p{  
    color:rgb(0, 94, 110)  
}
```

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, 94, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 30.2179, -12.6115, -10.5450 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, 94, 110) }
```


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

```
.border{ border-color:rgb(0, 94, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 94, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 94, 110);  
box-shadow:4px 4px 4px 4px rgb(0, 94, 110)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.2179, -12.6115, -10.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 94, 110) }
```

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

```
.background{ background-color: rgb(0, 94,  
110) }
```

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