

Converting Colors

HunterLab(30.3809, -12.2417,
-12.1530)

Have a look what the booklet for
HunterLab(30.3809, -12.2417,
-12.1530) contains.

HunterLab(30.3276, -11.9714, -12.0641)	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(30.3276,
-11.9714, -12.0641)**

Conversions

Conversions Part 1

Format	Color
Hex	005E71
RGB	0, 94, 113
RGB Percent	0%, 37%, 44%
CMY	1.0000, 0.6314, 0.5569
CMYK	1.00, 0.17, 0.00, 0.56
HSL	190°, 100%, 22%
HSV	190°, 100%, 44%
XYZ	6.9833, 9.1976, 17.0300
YIQ	68.0600, -62.1230, -14.0190

Conversions

Conversions Part 2

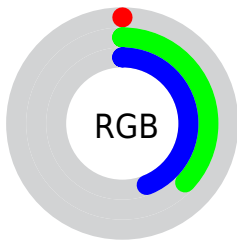
Format	Color
RYB	0, 51, 113
Decimal	24177
CIELab	36.36, -16.28, -17.48
CIELCh	36, 23.886, 227.029
Yxy	9.1980, 0.2103, 0.2769
Android (android.graphics.Color)	4278214257 (0xFF005E71)
YUV	68.0600, 22.1554, -59.6886
Hunter-Lab	30.3276, -11.9714, -12.0641

Details

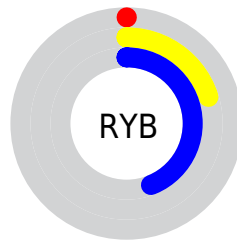
The HunterLab color **30.3276, -11.9714, -12.0641** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **19.9422, 28.1445, 12.7800**, and the grayscale version is **24.0056, -1.2809, 1.3043**.

A 20% lighter version of the original color is **49.4199, -15.1823, -12.5203**, and **15.7973, -4.9213, -9.1216** is the 20% darker color. If you saturate the color by 10%, you get **30.3274, -11.9710, -12.0648**, and if you desaturate by 10%, it is **31.0053, -12.2516, -10.9841**.

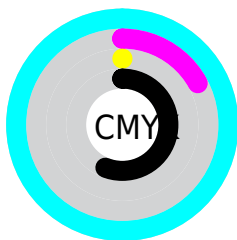
Distribution



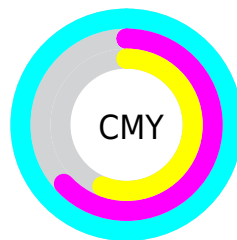
- Red (0%)
- Green (37%)
- Blue (44%)



- Red (0%)
- Yellow (20%)
- Blue (44%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (63%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.3276, -11.9714, -12.0641 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 30.3276, -11.9714, -12.0641 by changing the saturation by 10% instead.

■ 30.3276, -11.9714,
-12.0641

■ 30.3276, -11.9714,
-12.0641

■ 135.9588,
-25.1396, -12.7155

■ 22.0693, -10.3280,
-11.6691

■ 49.2703, -15.0505,
-12.6455

■ 14.7360, -8.5592,
-11.2298

■ 59.8286, -16.5304,
-12.8317

■ 8.3928, -8.9015,
-11.0412

■ 71.0490, -17.9873,
-12.9528

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 82.8944, -19.4291,
-13.0129

0.0000, NaN, NaN

■ 95.3336, -20.8615,
-13.0158

0.0000, NaN, NaN

■ 108.3394,

0.0000, NaN, NaN

-22.2887, -12.9651

0.0000, NaN, NaN

121.8881,
-23.7139, -12.8641

30.3276, -11.9714,
-12.0641

30.3276, -11.9714,
-12.0641

30.3274, -11.9710,
-12.0648

31.0053, -12.2516,
-10.9841

31.7303, -12.3559,
-9.8566

32.5393, -12.1474,
-8.6287

33.4359, -11.6161,
-7.3035

34.4216, -10.7630,
-5.8879

■ 35.4961, -9.5975,
-4.3909

■ 36.6577, -8.1350,
-2.8226

■ 37.9040, -6.3945,
-1.1933

■ 39.2320, -4.3973,
0.4872

Harmonies

Analogous

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



30.3281, -15.7128, -3.2621



30.3276, -11.9714, -12.0641



30.3281, -5.2002, -17.7332

Triad

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



30.3281, -11.9713, -12.0636



30.3281, 15.9981, -2.0485



30.3281, -6.2574, 13.0679

Complementary

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



30.3276, -11.9714, -12.0641



19.9422, 28.1445, 12.7800

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.



30.3281, 2.1347, 13.2258



30.3276, -11.9714, -12.0641



30.3281, 15.6343, 5.8585

Square

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



30.3281, -11.9713, -12.0636



30.3281, 11.2832, -10.9671



30.3281, 10.3381, 10.9626



30.3281, -12.6716, 10.4481

Rectangle

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



30.3276, -11.9714, -12.0641



30.3281, 0.4054, -18.1774



30.3281, 10.3381, 10.9626



30.3281, -3.5933, 13.3789

Sweetspot

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



30.3281, -11.9713, -12.0636



48.9231, -11.0593, -3.9510



34.4339, -29.0445, 19.6607



23.2822, -5.6363, -2.2279



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



30.3281, -11.9713, -12.0636



40.3836, -15.7555, -16.4644



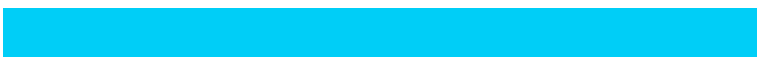
15.9934, 12.9004, -47.8359



19.2988, -2.0516, 0.3221



32.2625, -12.6999, -12.9099



71.2481, -27.3382, -30.0385

Inverse Universe

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



20.7826, 39.4762, -16.7144



27.7802, 52.7248, -21.9736



29.3068, 5.6569, 18.1570



18.5588, 1.1034, -0.1548



22.1282, 42.0267, -17.7274



49.2771, 93.4075, -38.0723

Previews

White Background



This preview shows how the HunterLab color 30.3276, -11.9714, -12.0641 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 30.3276, -11.9714, -12.0641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

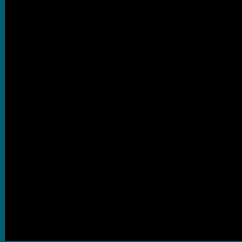
Any Text WCAG AA × Fail

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 30.3276, -11.9714, -12.0641 Background



This preview shows how black text looks on a background with the HunterLab color 30.3276, -11.9714, -12.0641.



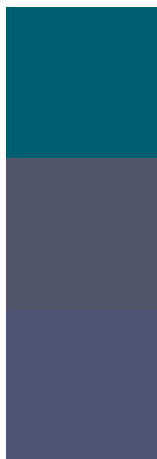
This preview shows how white text looks on a background with the HunterLab color 30.3276, -11.9714, -12.0641.

-11.9714, -12.0641.

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

30.3276, -11.9714, -12.0641

Protanopia

30.4024, 0.5662, -7.8482

Deuteranopia

30.2593, 2.0570, -13.0992



Tritanopia

30.2716, -14.4091, -6.7318

Trichromacy



Original Color

30.3276, -11.9714, -12.0641

Protanomaly

29.6435, -6.0203, -10.7766

Deuteranomaly

29.7444, -5.2824, -13.4968

Tritanomaly

30.4072, -13.6110, -8.6241

Monochromacy



Original Color

30.3276, -11.9714, -12.0641

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

25.4194, -7.6147, -4.0337

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.3276, -11.9714, -12.0641 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, 113)` looks like.

```
.text, #text, p{  
  color:rgb(0, 94, 113)  
}
```

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, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 30.3276, -11.9714, -12.0641 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, 113) }
```


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

```
.border{ border-color:rgb(0, 94, 113) }
```

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, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 94, 113);  
box-shadow:4px 4px 4px 4px rgb(0, 94, 113)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.3276, -11.9714, -12.0641 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, 113) }
```

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

```
.background{ background-color: rgb(0, 94,  
113) }
```

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