

Converting Colors

HunterLab(30.6708, -12.3886,
-12.2971)

Have a look what the booklet for
HunterLab(30.6708, -12.3886,
-12.2971) contains.

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Color

**HunterLab(30.6583,
-12.1426, -12.1079)**

Conversions

Conversions Part 1

Format	Color
Hex	005F72
RGB	0, 95, 114
RGB Percent	0%, 37%, 45%
CMY	1.0000, 0.6274, 0.5529
CMYK	1.00, 0.17, 0.00, 0.55
HSL	190°, 100%, 22%
HSV	190°, 100%, 45%
XYZ	7.1295, 9.3993, 17.3581
YIQ	68.7610, -62.7190, -14.2310

Conversions

Conversions Part 2

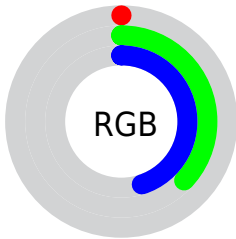
Format	Color
RYB	0, 52, 114
Decimal	24434
CIELab	36.74, -16.47, -17.51
CIELCh	37, 24.038, 226.756
Yxy	9.3996, 0.2104, 0.2774
Android (android.graphics.Color)	4278214514 (0xFF005F72)
YUV	68.7610, 22.3028, -60.3034
Hunter-Lab	30.6583, -12.1426, -12.1079

Details

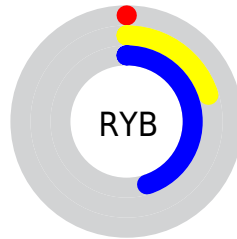
The HunterLab color **30.6583, -12.1426, -12.1079** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **20.1087, 28.4794, 12.8885**, and the grayscale version is **24.2520, -1.2940, 1.3177**.

A 20% lighter version of the original color is **49.7662, -15.4063, -12.5843**, and **16.0934, -5.0744, -9.1611** is the 20% darker color. If you saturate the color by 10%, you get **30.6581, -12.1422, -12.1085**, and if you desaturate by 10%, it is **31.3370, -12.4240, -11.0281**.

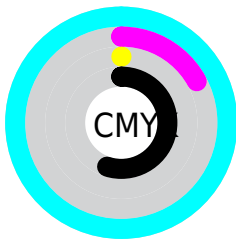
Distribution



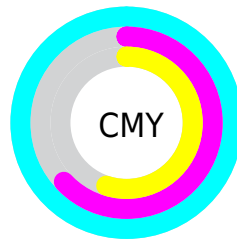
- Red (0%)
- Green (37%)
- Blue (45%)



- Red (0%)
- Yellow (20%)
- Blue (45%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.6583, -12.1426, -12.1079 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 30.6583, -12.1426, -12.1079 by changing the saturation by 10% instead.

30.6583, -12.1426,
-12.1079

30.6583, -12.1426,
-12.1079

136.5034,
-25.3939, -12.7489

22.3669, -10.4882,
-11.7143

49.6588, -15.2426,
-12.6861

14.9963, -8.7086,
-11.2752

60.2431, -16.7324,
-12.8709

8.6397, -8.7674,
-10.9971

71.4878, -18.1989,
-12.9907

0.0000, NaN, -NF

0.0000, NaN, NaN

83.3564, -19.6498,
-13.0497

0.0000, NaN, NaN

95.8176, -21.0911,
-13.0516

0.0000, NaN, NaN

0.0000, NaN, NaN

108.8444,

-22.5268, -13.0000

0.0000, NaN, NaN

122.4133,
-23.9602, -12.8982

30.6583, -12.1426,
-12.1079

30.6583, -12.1426,
-12.1079

30.6581, -12.1422,
-12.1085

31.3370, -12.4240,
-11.0281

32.0640, -12.5256,
-9.8991

32.8758, -12.3112,
-8.6682

33.7761, -11.7704,
-7.3386

34.7665, -10.9040,
-5.9171

■ 35.8467, -9.7215,
-4.4127

■ 37.0152, -8.2382,
-2.8355

■ 38.2694, -6.4733,
-1.1961

■ 39.6063, -4.4485,
0.4957

Harmonies

Analogous

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



30.6588, -15.8910, -3.2097



30.6583, -12.1426, -12.1079



30.6588, -5.3268, -17.8777

Triad

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



30.6588, -12.1425, -12.1074



30.6588, 16.1330, -2.1492



30.6588, -6.2508, 13.2149

Complementary

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



30.6583, -12.1426, -12.1079



20.1087, 28.4794, 12.8885

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.



30.6588, 2.2348, 13.3530



30.6583, -12.1426, -12.1079



30.6588, 15.8151, 5.8577

Square

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



30.6588, -12.1425, -12.1074



30.6588, 11.3310, -11.1493



30.6588, 10.5051, 11.0420



30.6588, -12.7546, 10.5922

Rectangle

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



30.6583, -12.1426, -12.1079



30.6588, 0.3277, -18.3674



30.6588, 10.5051, 11.0420



30.6588, -3.5545, 13.5220

Sweetspot

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



30.6588, -12.1425, -12.1074



48.9427, -11.0886, -3.9258



34.7590, -29.3220, 19.8533



23.2927, -5.6517, -2.2144



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.



30.6588, -12.1425, -12.1074



40.4507, -15.8443, -16.3565



16.1300, 13.0593, -48.3496



19.3008, -2.0549, 0.3245



32.3149, -12.7691, -12.8260



71.3713, -27.5021, -29.8387

Inverse Universe

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



20.9856, 39.8723, -16.9593



27.7900, 52.7595, -22.1058



29.5753, 5.7268, 18.3237



18.5591, 1.1046, -0.1579



22.1360, 42.0539, -17.8309



49.2951, 93.4710, -38.3140

Previews

White Background



This preview shows how the HunterLab color 30.6583, -12.1426, -12.1079 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 30.6583, -12.1426, -12.1079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

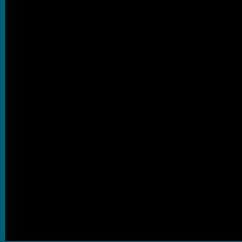
Any Text WCAG AA × Fail

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 30.6583, -12.1426, -12.1079 Background



This preview shows how black text looks on a background with the HunterLab color 30.6583, -12.1426, -12.1079.



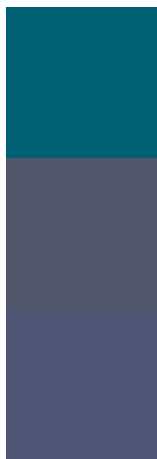
This preview shows how white text looks on a background with the HunterLab color 30.6583,

-12.1426, -12.1079.

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

30.6583, -12.1426, -12.1079

Protanopia

30.7676, 0.5462, -7.8364

Deuteranopia

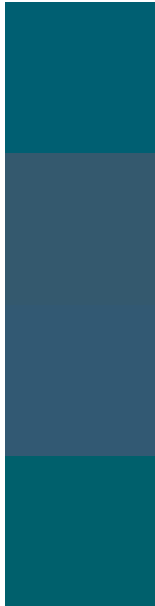
30.6230, 2.0343, -13.0853



Tritanopia

30.6026, -14.5822, -6.7718

Trichromacy



Original Color

30.6583, -12.1426, -12.1079

Protanomaly

30.0010, -6.0754, -10.7735

Deuteranomaly

30.1009, -5.3414, -13.4934

Tritanomaly

30.7383, -13.7834, -8.6659

Monochromacy



Original Color

30.6583, -12.1426, -12.1079

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

25.7684, -7.6693, -4.0304

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.6583, -12.1426, -12.1079 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, 95, 114)` looks like.

```
.text, #text, p{  
  color:rgb(0, 95, 114)  
}
```

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, 95, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 95, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 30.6583, -12.1426, -12.1079 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, 95, 114) }
```


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

```
.border{ border-color:rgb(0, 95, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 95, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 95, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 95, 114);  
box-shadow:4px 4px 4px 4px rgb(0, 95, 114)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.6583, -12.1426, -12.1079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 95, 114) }
```

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

```
.background{ background-color: rgb(0, 95,  
114) }
```

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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