

Converting Colors

HunterLab(30.3481, -0.3876,
-12.4080)

Have a look what the booklet for
HunterLab(30.3481, -0.3876,
-12.4080) contains.

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Color

**HunterLab(30.3481, -0.3876,
-12.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	475672
RGB	71, 86, 114
RGB Percent	28%, 34%, 45%
CMY	0.7216, 0.6627, 0.5529
CMYK	0.38, 0.25, 0.00, 0.55
HSL	219°, 23%, 36%
HSV	219°, 38%, 45%
XYZ	8.9636, 9.2101, 17.2249
YIQ	84.7070, -17.9280, 5.5280

Conversions

Conversions Part 2

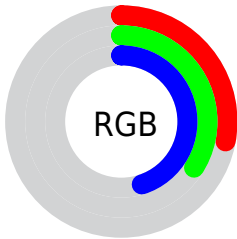
Format	Color
R_{YB}	71, 82, 114
Decimal	4675186
CIE _{Lab}	36.39, 1.79, -17.85
CIE _{LCh}	36, 17.936, 275.722
Yxy	9.2104, 0.2532, 0.2602
Android (android.graphics.Color)	4282865266 (0xFF475672)
YUV	84.7070, 14.4414, -12.0210
Hunter-Lab	30.3481, -0.3876, -12.4080




Details

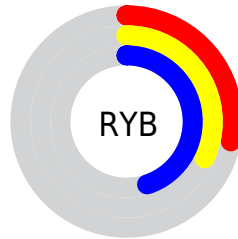
The HunterLab color $30.3481, -0.3876, -12.4080$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $35.9948, -0.8102, 12.3459$, and the grayscale version is $29.9872, -1.6000, 1.6293$.




A 20% lighter version of the original color is $49.4231, -1.3552, -12.8482$, and $14.7425, 0.2688, -11.6399$ is the 20% darker color. If you saturate the color by 10%, you get $27.7391, 0.6357, -16.9234$, and if you desaturate by 10%, it is $33.0611, -1.1459, -8.1977$.

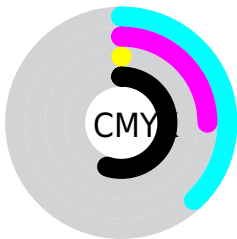
Distribution







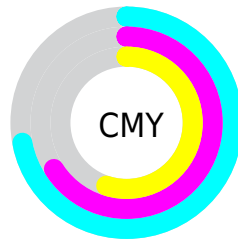
-  Red (28%)
-  Green (34%)
-  Blue (45%)






-  Red (28%)
-  Yellow (32%)
-  Blue (45%)



-  Cyan (38%)
-  Magenta (25%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (72%)
-  Magenta (66%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.3481, -0.3876, -12.4080 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 30.3481, -0.3876, -12.4080 by changing the saturation by 10% instead.

■ 30.3481, -0.3876,
-12.4080

■ 30.3481, -0.3876,
-12.4080

■ 135.9926, -5.2407,
-13.1696

■ 22.0878, -0.0685,
-12.0028

■ 49.2944, -1.1865,
-13.0135

■ 14.7522, 0.1864,
-11.5577

■ 59.8543, -1.6549,
-13.2124

■ 8.4084, 0.4777,
-11.3718

■ 71.0763, -2.1643,
-13.3462

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 82.9232, -2.7117,
-13.4188

0.0000, NaN, NaN

■ 95.3637, -3.2949,
-13.4341

0.0000, NaN, NaN

108.3708, -3.9119,

0.0000, NaN, NaN

-13.3956

0.0000, NaN, NaN

121.9208, -4.5610,
-13.3065

■ 30.3481, -0.3876,
-12.4080

■ 30.3481, -0.3876,
-12.4080

■ 27.7391, 0.6357,
-16.9234

■ 33.0611, -1.1459,
-8.1977

■ 25.2477, 1.9754,
-21.7928

■ 35.8637, -1.6812,
-4.2490

■ 22.8937, 3.6881,
-27.0574

■ 38.7465, -2.0294,
-0.5206

■ 20.7005, 5.8315,
-32.7395

■ 41.7011, -2.2195,
3.0227

■ 18.6959, 8.4509,
-38.8179

■ 44.7207, -2.2752,
6.4107

■ 16.8812, 11.4728,
-45.3103

■ 47.7997, -2.2156,
9.6686

■ 16.4831, 12.1791,
-46.8936

■ 50.9333, -2.0568,
12.8171

■ 54.1174, -1.8116,
15.8738

■ 57.3485, -1.4909,
18.8531

Harmonies

Analogous

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



30.3487, -6.5027, -11.0296



30.3481, -0.3876, -12.4080



30.3487, 5.8801, -9.4335

Triad

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



30.3487, -0.3878, -12.4074



30.3487, 8.9963, 7.7070



30.3487, -12.0151, 6.0697

Complementary

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



30.3481, -0.3876, -12.4080



35.9948, -0.8102, 12.3459

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.



30.3487, -8.4576, 9.6821



30.3481, -0.3876, -12.4080



30.3487, 3.5903, 10.4817

Square

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



30.3487, -0.3878, -12.4074



30.3487, 11.5777, 2.7929



30.3487, -2.8347, 11.1219



30.3487, -12.8899, 0.4650

Rectangle

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



30.3481, -0.3876, -12.4080



30.3487, 9.1976, -5.6841



30.3487, -2.8347, 11.1219



30.3487, -11.1086, 7.5177

Sweetspot

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



30.3487, -0.3878, -12.4074



49.9893, -2.5516, -2.4219



37.7814, -14.7813, 4.5167



23.8577, -1.2062, -1.3984



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.



30.3487, -0.3878, -12.4074



37.3012, 0.6054, -21.4715



27.0523, 8.0039, -18.0814



18.6366, -0.9686, -0.4768



17.3056, 13.0599, -49.8231



36.6585, 34.1743, -119.5923

Inverse Universe

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



29.5907, 13.8035, 0.8340



36.3783, 23.1396, 1.2311



39.5598, -9.2874, 15.2791



18.4904, 0.7355, 0.8191



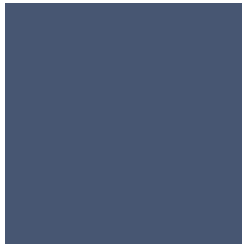
20.3670, 35.6932, 6.8503



45.2928, 79.0589, 17.6890

Previews

White Background



This preview shows how the HunterLab color 30.3481, -0.3876, -12.4080 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 30.3481, -0.3876, -12.4080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

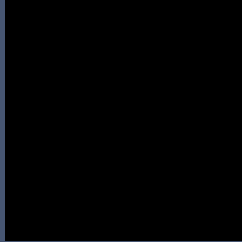
Any Text WCAG AA × Fail

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 30.3481, -0.3876, -12.4080 Background



This preview shows how black text looks on a background with the HunterLab color 30.3481, -0.3876, -12.4080.



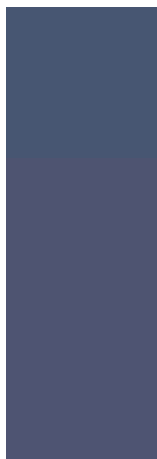
This preview shows how white text looks on a background with the HunterLab color 30.3481, -0.3876, -12.4080.

-12.4080.

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

30.3481, -0.3876, -12.4080

Protanopia

30.2533, 1.8863, -11.9424

Deuteranopia

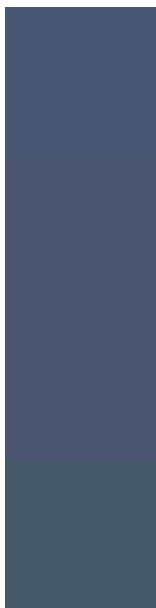
30.2907, 2.0868, -12.4590



Tritanopia

30.3028, -5.9146, -3.0834

Trichromacy



Original Color

30.3481, -0.3876, -12.4080

Protanomaly

30.3069, 0.7408, -11.8752

Deuteranomaly

30.3443, 0.9424, -12.3909

Tritanomaly

30.3112, -4.0381, -6.4930

Monochromacy



Original Color

30.3481, -0.3876, -12.4080

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.0782, -1.1959, -3.3007

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.3481, -0.3876, -12.4080 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(71, 86, 114)` looks like.

```
.text, #text, p{  
    color:rgb(71, 86, 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(71, 86, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 86, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 30.3481, -0.3876, -12.4080 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(71, 86, 114) }
```


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

```
.border{ border-color:rgb(71, 86, 114) }
```

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

Here you see how a box with a 4 pixel rgb(71, 86, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 86, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 86, 114);  
box-shadow:4px 4px 4px 4px rgb(71, 86,  
114) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.3481, -0.3876, -12.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 86, 114) }
```

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

```
.background{ background-color: rgb(71, 86,  
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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