

Converting Colors

HunterLab(31.3878, -0.0224,
-11.1556)

Have a look what the booklet for
HunterLab(31.3878, -0.0224,
-11.1556) contains.

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Color

**HunterLab(31.2970, 0.2386,
-11.4377)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5873
RGB	77, 88, 115
RGB Percent	30%, 35%, 45%
CMY	0.6980, 0.6549, 0.5490
CMYK	0.33, 0.23, 0.00, 0.55
HSL	223°, 20%, 38%
HSV	223°, 33%, 45%
XYZ	9.6448, 9.7950, 17.6019
YIQ	87.7890, -15.2230, 6.0650

Conversions

Conversions Part 2

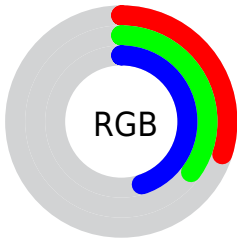
Format	Color
R_{YB}	77, 86, 115
Decimal	5068915
CIE _{Lab}	37.47, 2.73, -16.76
CIE _{LCh}	37, 16.978, 279.256
Yxy	9.7954, 0.2604, 0.2644
Android (android.graphics.Color)	4283258995 (0xFF4D5873)
YUV	87.7890, 13.4150, -9.4620
Hunter-Lab	31.2970, 0.2386, -11.4377

Details

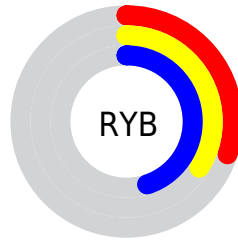
The HunterLab color $31.2970, 0.2386, -11.4377$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $37.5252, -2.1171, 11.9918$, and the grayscale version is $31.1184, -1.6604, 1.6907$.

A 20% lighter version of the original color is $50.4767, -0.5781, -11.8491$, and $15.5210, 0.5823, -10.7106$ is the 20% darker color. If you saturate the color by 10%, you get $28.4454, 1.4522, -16.2543$, and if you desaturate by 10%, it is $34.2555, -0.7240, -6.9781$.

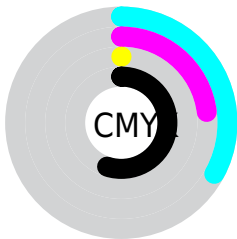
Distribution



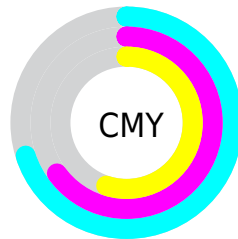
- Red (30%)
- Green (35%)
- Blue (45%)



- Red (30%)
- Yellow (34%)
- Blue (45%)



- Cyan (33%)
- Magenta (23%)
- Yellow (0%)
- Black (55%)



- Cyan (70%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2970, 0.2386, -11.4377 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 31.2970, 0.2386, -11.4377 by changing the saturation by 10% instead.

■ 31.2970, 0.2386,
-11.4377

■ 31.2970, 0.2386,
-11.4377

■ 137.5520, -4.2414,
-11.8087

■ 22.9424, 0.5014,
-11.0710

■ 50.4083, -0.4608,
-11.9536

■ 15.5006, 0.6939,
-10.6486

■ 61.0421, -0.8842,
-12.1069

■ 9.0955, 0.8235,
-10.2608

■ 72.3336, -1.3510,
-12.1956

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 84.2465, -1.8580,
-12.2241

0.0000, NaN, NaN

■ 96.7498, -2.4026,
-12.1962

0.0000, NaN, NaN

109.8170, -2.9826,

0.0000, NaN, NaN

-12.1157

0.0000, NaN, NaN

123.4246, -3.5960,
-11.9856

■ 31.2970, 0.2386,
-11.4377

■ 31.2970, 0.2386,
-11.4377

■ 28.4454, 1.4522,
-16.2543

■ 34.2555, -0.7240,
-6.9781

■ 25.7157, 2.9712,
-21.4983

■ 37.3058, -1.4788,
-2.8163

■ 23.1303, 4.8582,
-27.2385

■ 40.4379, -2.0616,
1.1001

■ 20.7167, 7.1802,
-33.5289

■ 43.6433, -2.5009,
4.8142

■ 18.5099, 9.9946,
-40.3738

■ 46.9151, -2.8195,
8.3614

■ 16.5496, 13.3120,
-47.6775

■ 50.2476, -3.0357,
11.7705

■ 15.3027, 15.7551,
-53.1379

■ 53.6359, -3.1645,
15.0652

■ 57.0760, -3.2179,
18.2647

■ 60.5645, -3.2059,
21.3850

Harmonies

Analogous

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



31.2976, -5.7202, -10.6360



31.2970, 0.2386, -11.4377



31.2976, 6.1051, -8.2307

Triad

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



31.2976, 0.2383, -11.4370



31.2976, 7.9424, 7.9759



31.2976, -11.9065, 5.4049

Complementary

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



31.2970, 0.2386, -11.4377



37.5252, -2.1171, 11.9918

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.



31.2976, -8.7561, 9.1729



31.2970, 0.2386, -11.4377



31.2976, 2.5938, 10.4478

Square

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



31.2976, 0.2383, -11.4370



31.2976, 10.7720, 3.4464



31.2976, -3.5368, 10.8395



31.2976, -12.4313, -0.1456

Rectangle

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



31.2970, 0.2386, -11.4377



31.2976, 9.0653, -4.5565



31.2976, -3.5368, 10.8395



31.2976, -11.1317, 6.8894

Sweetspot

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



31.2976, 0.2383, -11.4370



51.0757, -2.2170, -2.2818



38.5108, -13.3029, 3.4973



24.7203, -1.0372, -1.4043



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



31.2976, 0.2383, -11.4370



38.8122, 1.5898, -20.4251



29.0835, 7.1570, -15.0194



19.3564, -0.8688, -0.6165



16.2566, 17.1356, -57.3101



34.0219, 43.1861, -135.7508

Inverse Universe

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



31.0765, 11.5894, 1.7369



38.6793, 20.1320, 2.5711



39.9351, -9.1778, 14.0226



19.2787, 0.7381, 0.9754



20.7142, 36.0720, 8.7471



45.5828, 79.0981, 21.4219

Previews

White Background



This preview shows how the HunterLab color 31.2970, 0.2386, -11.4377 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 31.2970, 0.2386, -11.4377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

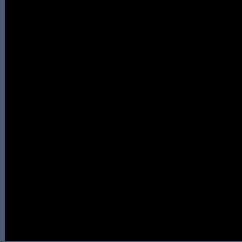
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

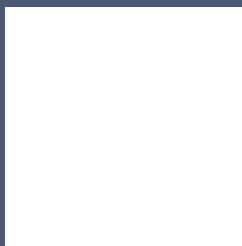
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 31.2970, 0.2386, -11.4377 Background



This preview shows how black text looks on a background with the HunterLab color 31.2970, 0.2386, -11.4377.



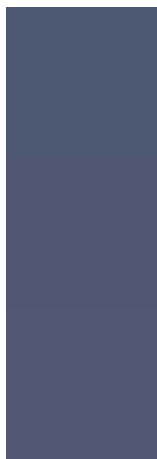
This preview shows how white text looks on a background with the HunterLab color 31.2970, 0.2386, -11.4377.

-11.4377.

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

31.2970, 0.2386, -11.4377

Protanopia

31.2740, 1.4266, -10.8849

Deuteranopia

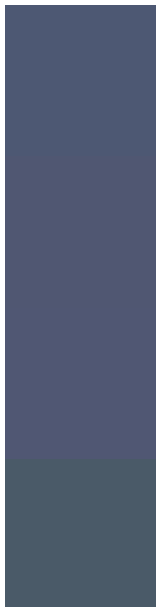
31.3816, 1.8625, -11.2744



Tritanopia

31.2738, -5.1104, -2.7257

Trichromacy



Original Color

31.2970, 0.2386, -11.4377

Protanomaly

31.2038, 1.1891, -11.0002

Deuteranomaly

31.2405, 1.3866, -11.5081

Tritanomaly

31.2532, -3.4110, -5.6472

Monochromacy



Original Color

31.2970, 0.2386, -11.4377

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.2188, -1.1694, -2.7292

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2970, 0.2386, -11.4377 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(77, 88, 115)` looks like.

```
.text, #text, p{  
    color:rgb(77, 88, 115)  
}
```

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(77, 88, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 88, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2970, 0.2386, -11.4377 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(77, 88, 115) }
```


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

```
.border{ border-color:rgb(77, 88, 115) }
```

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

Here you see how a box with a 4 pixel rgb(77, 88, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 88, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 88, 115);  
box-shadow:4px 4px 4px 4px rgb(77, 88,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.2970, 0.2386, -11.4377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 88, 115) }
```

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

```
.background{ background-color: rgb(77, 88,  
115) }
```

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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