

Converting Colors

HunterLab(40.3650, -2.8710,
-13.2319)

Have a look what the booklet for
HunterLab(40.3650, -2.8710,
-13.2319) contains.

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Color

**HunterLab(40.3013, -2.8074,
-13.4463)**

Conversions

Conversions Part 1

Format	Color
Hex	5B728F
RGB	91, 114, 143
RGB Percent	36%, 45%, 56%
CMY	0.6431, 0.5529, 0.4392
CMYK	0.36, 0.20, 0.00, 0.44
HSL	213°, 22%, 46%
HSV	213°, 36%, 56%
XYZ	15.2896, 16.2419, 28.3157
YIQ	110.4290, -23.0170, 4.1430

Conversions

Conversions Part 2

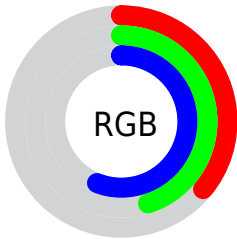
Format	Color
R_{YB}	91, 107, 143
Decimal	5993103
CIE _{Lab}	47.29, -0.87, -18.54
CIE _{LCh}	47, 18.558, 267.300
Yxy	16.2426, 0.2555, 0.2714
Android (android.graphics.Color)	4284183183 (0xFF5B728F)
YUV	110.4290, 16.0575, -17.0392
Hunter-Lab	40.3013, -2.8074, -13.4463

Details

The HunterLab color $40.3013, -2.8074, -13.4463$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $44.7529, 1.1858, 14.4840$, and the grayscale version is $39.5991, -2.1129, 2.1515$.

A 20% lighter version of the original color is $60.9453, -4.0214, -13.9048$, and $22.7574, -1.5577, -12.9847$ is the 20% darker color. If you saturate the color by 10%, you get $37.2321, -2.1050, -18.4772$, and if you desaturate by 10%, it is $43.4951, -3.1653, -8.6777$.

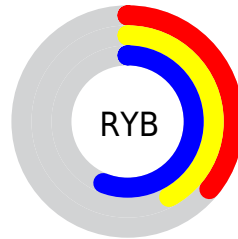
Distribution



Red (36%)

Green (45%)

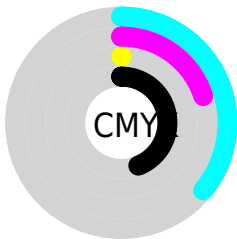
Blue (56%)



Red (36%)

Yellow (42%)

Blue (56%)

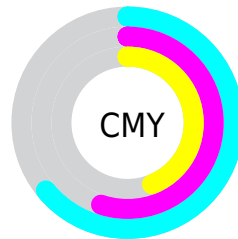


Cyan (36%)

Magenta (20%)

Yellow (0%)

Black (44%)



Cyan (64%)

Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3013, -2.8074, -13.4463 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 40.3013, -2.8074, -13.4463 by changing the saturation by 10% instead.

■ 40.3013, -2.8074,
-13.4463

■ 40.3013, -2.8074,
-13.4463

■ 151.9108, -9.1353,
-13.8474

■ 31.1384, -2.2640,
-13.0916

■ 60.8431, -4.0019,
-13.9468

■ 22.7988, -1.7588,
-12.6739

■ 72.1230, -4.6484,
-14.0986

■ 15.3747, -1.2950,
-12.2195

■ 84.0248, -5.3259,
-14.1893

■ 8.9843, -0.9038,
-11.8727

■ 96.5177, -6.0329,
-14.2228

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 109.5748, -6.7684,
-14.2024

0.0000, NaN, NaN

■ 123.1728, -7.5312,

0.0000, NaN, NaN

-14.1312

0.0000, NaN, NaN

137.2910, -8.3204,
-14.0120

■ 40.3013, -2.8074,
-13.4463

■ 40.3013, -2.8074,
-13.4463

■ 37.2321, -2.1050,
-18.4772

■ 43.4951, -3.1653,
-8.6777

■ 34.3009, -1.0010,
-23.8003

■ 46.7978, -3.2270,
-4.1436

■ 31.5269, 0.5654,
-29.4346

■ 50.1991, -3.0346,
0.1863

■ 28.9309, 2.6550,
-35.3829

■ 53.6894, -2.6236,
4.3395

■ 26.5356, 5.3172,
-41.6198

■ 57.2607, -2.0234,
8.3405

■ 24.3538, 8.5423,
-48.1095

■ 60.9061, -1.2586,
12.2107

■ 23.5927, 9.7785,
-50.5978

■ 64.6199, -0.3497,
15.9689

■ 68.3970, 0.6859,
19.6312

■ 72.2330, 1.8339,
23.2113

Harmonies

Analogous

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



40.3021, -9.4174, -10.6513



40.3013, -2.8074, -13.4463



40.3021, 4.4492, -11.4741

Triad

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



40.3021, -2.8077, -13.4455



40.3021, 11.0118, 7.8194



40.3021, -13.2357, 8.7262

Complementary

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



40.3013, -2.8074, -13.4463



44.7529, 1.1858, 14.4840

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.



40.3021, -8.3550, 12.2965



40.3013, -2.8074, -13.4463



40.3021, 5.6663, 11.8417

Square

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



40.3021, -2.8077, -13.4455



40.3021, 12.7545, 1.5635



40.3021, -1.4932, 13.3282



40.3021, -15.1654, 2.8140

Rectangle

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



40.3013, -2.8074, -13.4463



40.3021, 8.6237, -7.8862



40.3021, -1.4932, 13.3282



40.3021, -11.9034, 10.1973

Sweetspot

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



40.3021, -2.8077, -13.4455



64.9450, -4.2257, -2.5410



48.1828, -19.4767, 7.6392



30.8404, -2.0376, -1.5490



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



40.3021, -2.8077, -13.4455



50.4022, -2.9827, -23.7391



34.3868, 8.7314, -23.4650



23.7129, -1.4991, -0.4883



22.2759, 9.0006, -47.2726



3.0037, -0.5831, -2.4956

Inverse Universe

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



38.1277, 18.0444, -0.9465



47.2389, 30.8038, -1.7225



51.0008, -10.1741, 19.7415



23.3693, 1.1276, 0.7799



23.4249, 41.4986, 4.4179



2.3829, 4.3919, -0.8725

Previews

White Background



This preview shows how the HunterLab color 40.3013, -2.8074, -13.4463 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 × Fail

Black Background



This preview shows how the HunterLab color 40.3013, -2.8074, -13.4463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

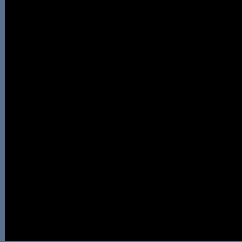
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

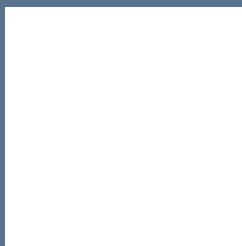
Any Text WCAG AAA × Fail

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

HunterLab 40.3013, -2.8074, -13.4463 Background



This preview shows how black text looks on a background with the HunterLab color 40.3013, -2.8074, -13.4463.



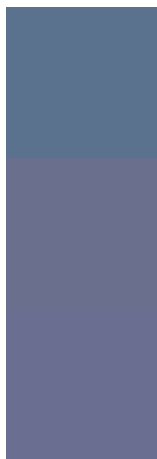
This preview shows how white text looks on a background with the HunterLab color 40.3013, -2.8074, -13.4463.

-13.4463.

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

40.3013, -2.8074, -13.4463

Protanopia

40.3673, 1.5129, -12.1111

Deuteranopia

40.2860, 2.8464, -13.9584



Tritanopia

40.3177, -8.3180, -4.3291

Trichromacy



Original Color

40.3013, -2.8074, -13.4463

Protanomaly

40.3121, 0.0007, -12.7987

Deuteranomaly

40.1861, 1.1227, -14.1468

Tritanomaly

40.2883, -6.5502, -7.4149

Monochromacy



Original Color

40.3013, -2.8074, -13.4463

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.5697, -2.5251, -3.2501

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3013, -2.8074, -13.4463 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(91, 114, 143)` looks like.

```
.text, #text, p{  
    color:rgb(91, 114, 143)  
}
```

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(91, 114, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 114, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3013, -2.8074, -13.4463 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(91, 114, 143) }
```


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

```
.border{ border-color:rgb(91, 114, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 114, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 114, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 114, 143);  
box-shadow:4px 4px 4px 4px rgb(91, 114,  
143) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3013, -2.8074, -13.4463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 114, 143) }
```

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

```
.background{ background-color: rgb(91, 114,  
143) }
```

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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