

Converting Colors

HunterLab(40.8518, -2.4302,
-25.2958)

Have a look what the booklet for
HunterLab(40.8518, -2.4302,
-25.2958) contains.

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Color

HunterLab(40.7811, -2.3942,
-25.2895)

Conversions

Conversions Part 1

Format	Color
Hex	4B74A3
RGB	75, 116, 163
RGB Percent	29%, 45%, 64%
CMY	0.7059, 0.5451, 0.3608
CMYK	0.54, 0.29, 0.00, 0.36
HSL	212°, 37%, 47%
HSV	212°, 54%, 64%
XYZ	15.7579, 16.6310, 37.0299
YIQ	109.0990, -39.5230, 5.9250

Conversions

Conversions Part 2

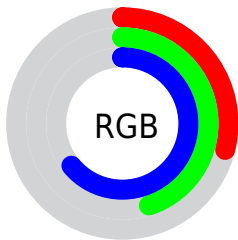
Format	Color
R _Y B	75, 103, 163
Decimal	4945059
CIE Lab	47.79, -0.29, -29.62
CIE LCh	48, 29.618, 269.446
Yxy	16.6316, 0.2270, 0.2396
Android (android.graphics.Color)	4283135139 (0xFF4B74A3)
YUV	109.0990, 26.5732, -29.9048
Hunter-Lab	40.7811, -2.3942, -25.2895

Details

The HunterLab color $40.7811, -2.3942, -25.2895$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $47.1322, 5.8913, 20.7712$, and the grayscale version is $39.0571, -2.0840, 2.1220$.

A 20% lighter version of the original color is $61.4283, -3.7301, -26.2342$, and $23.1367, -1.3405, -24.3053$ is the 20% darker color. If you saturate the color by 10%, you get $37.6063, -0.8515, -31.4721$, and if you desaturate by 10%, it is $44.1331, -3.4112, -19.4160$.

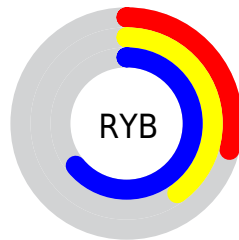
Distribution



Red (29%)

Green (45%)

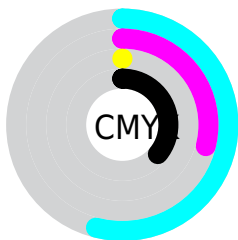
Blue (64%)



Red (29%)

Yellow (40%)

Blue (64%)

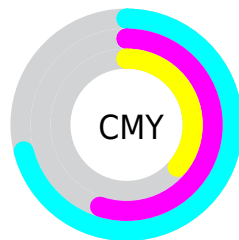


Cyan (54%)

Magenta (29%)

Yellow (0%)

Black (36%)



Cyan (71%)

Magenta (55%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7811, -2.3942, -25.2895 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 40.7811, -2.3942, -25.2895 by changing the saturation by 10% instead.

■ 40.7811, -2.3942,
-25.2895

■ 40.7811, -2.3942,
-25.2895

■ 152.6566, -8.4890,
-28.5381

■ 31.5787, -1.8849,
-24.7110

■ 61.3932, -3.5266,
-26.3711

■ 23.1959, -1.4177,
-24.1742

■ 72.7051, -4.1452,
-26.8418

■ 15.7232, -0.9968,
-23.8248

■ 84.6372, -4.7961,
-27.2583

■ 9.2880, -0.6304,
-24.1209

■ 97.1590, -5.4779,
-27.6198

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 110.2438, -6.1892,
-27.9269

0.0000, NaN, NaN

123.8683, -6.9288,

0.0000, NaN, NaN

-28.1812

0.0000, NaN, NaN

138.0121, -7.6958,
-28.3843

■ 40.7811, -2.3942,
-25.2895

■ 40.7811, -2.3942,
-25.2895

■ 37.6063, -0.8515,
-31.4721

■ 44.1331, -3.4112,
-19.4160

■ 34.6286, 1.2847,
-37.9674

■ 47.6406, -3.9707,
-13.8373

■ 31.8719, 4.0716,
-44.7487

■ 51.2873, -4.1349,
-8.5268

■ 29.3582, 7.5350,
-51.7560

■ 55.0587, -3.9587,
-3.4560

■ 27.9380, 9.8338,
-56.1483

■ 58.9424, -3.4890,
1.4039

■ 62.9278, -2.7656,
6.0799

■ 67.0061, -1.8219,
10.5965

■ 71.1695, -0.6857,
14.9755

■ 75.4115, 0.6194,
19.2360

Harmonies

Analogous

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



40.7818, -12.9330, -20.6712



40.7811, -2.3942, -25.2895



40.7818, 9.4054, -20.9840

Triad

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



40.7818, -2.3941, -25.2886



40.7818, 19.1750, 11.3526



40.7818, -19.7012, 11.6193

Complementary

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



40.7811, -2.3942, -25.2895



47.1322, 5.8913, 20.7712

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.



40.7818, -12.5978, 16.7373



40.7811, -2.3942, -25.2895



40.7818, 9.8212, 16.6164

Square

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



40.7818, -2.3941, -25.2886



40.7818, 22.6734, 2.0137



40.7818, -1.9618, 18.2748



40.7818, -22.2137, 2.4250

Rectangle

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



40.7811, -2.3942, -25.2895



40.7818, 16.2376, -14.1706



40.7818, -1.9618, 18.2748



40.7818, -17.8134, 13.7683

Sweetspot

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



40.7818, -2.3941, -25.2886



72.5017, -5.3893, -6.1670



53.9390, -29.8352, 12.4987



33.8910, -2.5827, -3.5445



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



40.7818, -2.3941, -25.2886



49.4179, -0.5765, -44.0119



30.4863, 18.4560, -48.2803



27.1634, -1.8010, -0.5438



24.8102, 8.2973, -48.9221



4.7299, -0.7965, -4.1925

Inverse Universe

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



37.5237, 33.1516, -2.4060



45.4895, 54.2186, -2.4453



58.4664, -14.1502, 29.0279



26.7176, 1.3783, 0.8070



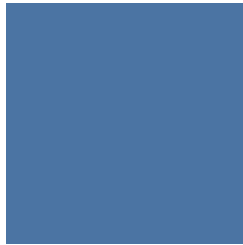
25.4274, 45.1730, 3.8118



3.8129, 7.0077, -1.2413

Previews

White Background



This preview shows how the HunterLab color 40.7811, -2.3942, -25.2895 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 40.7811, -2.3942, -25.2895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

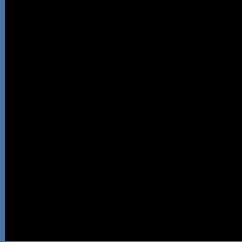
Any Text WCAG AA × Fail

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 40.7811, -2.3942, -25.2895 Background



This preview shows how black text looks on a background with the HunterLab color 40.7811, -2.3942, -25.2895.



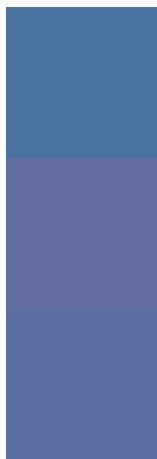
This preview shows how white text looks on a background with the HunterLab color 40.7811, -2.3942, -25.2895.

-25.2895.

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

40.7811, -2.3942, -25.2895

Protanopia

40.5817, 3.6667, -22.8517

Deuteranopia

40.6743, 3.0239, -26.0802



Tritanopia

40.8350, -13.5915, -6.7711

Trichromacy



Original Color

40.7811, -2.3942, -25.2895

Protanomaly

40.6472, 1.1801, -23.4440

Deuteranomaly

40.5820, 1.3091, -26.2835

Tritanomaly

40.7984, -9.8896, -12.7983

Monochromacy



Original Color

40.7811, -2.3942, -25.2895

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

39.6418, -3.2429, -6.6925

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7811, -2.3942, -25.2895 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(75, 116, 163)` looks like.

```
.text, #text, p{  
    color:rgb(75, 116, 163)  
}
```

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(75, 116, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 116, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7811, -2.3942, -25.2895 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(75, 116, 163) }
```


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

```
.border{ border-color:rgb(75, 116, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 116, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 116, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 116, 163);  
box-shadow:4px 4px 4px 4px rgb(75, 116,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7811, -2.3942, -25.2895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 116, 163) }
```

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

```
.background{ background-color: rgb(75, 116,  
163) }
```

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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