

Converting Colors

HunterLab(40.5002, -2.3395,
-12.2789)

Have a look what the booklet for
HunterLab(40.5002, -2.3395,
-12.2789) contains.

HunterLab(40.5222, -2.1119, -12.5110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(40.5222, -2.1119,
-12.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	5F728E
RGB	95, 114, 142
RGB Percent	37%, 45%, 56%
CMY	0.6274, 0.5529, 0.4431
CMYK	0.33, 0.20, 0.00, 0.44
HSL	216°, 20%, 46%
HSV	216°, 33%, 56%
XYZ	15.6191, 16.4205, 27.9374
YIQ	111.5110, -20.3120, 4.6800

Conversions

Conversions Part 2

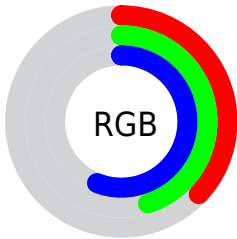
Format	Color
R _Y B	95, 109, 142
Decimal	6255246
CIE Lab	47.52, 0.07, -17.57
CIE LCh	48, 17.568, 270.225
Yxy	16.4211, 0.2604, 0.2738
Android (android.graphics.Color)	4284445326 (0xFF5F728E)
YUV	111.5110, 15.0311, -14.4801
Hunter-Lab	40.5222, -2.1119, -12.5110

Details

The HunterLab color $40.5222, -2.1119, -12.5110$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $45.5446, -0.1266, 13.9676$, and the grayscale version is $40.0161, -2.1352, 2.1742$.

A 20% lighter version of the original color is $61.2054, -3.1900, -12.9316$, and $22.9128, -1.0933, -12.1007$ is the 20% darker color. If you saturate the color by 10%, you get $37.2930, -1.2877, -17.7291$, and if you desaturate by 10%, it is $43.8745, -2.6113, -7.5935$.

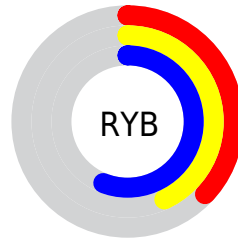
Distribution



Red (37%)

Green (45%)

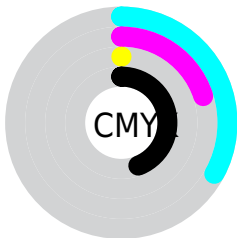
Blue (56%)



Red (37%)

Yellow (43%)

Blue (56%)

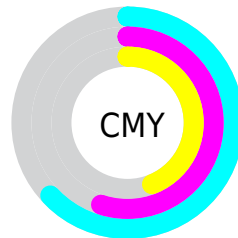


Cyan (33%)

Magenta (20%)

Yellow (0%)

Black (44%)



Cyan (63%)

Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5222, -2.1119, -12.5110 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 40.5222, -2.1119, -12.5110 by changing the saturation by 10% instead.

■ 40.5222, -2.1119,
-12.5110

■ 40.5222, -2.1119,
-12.5110

■ 152.2544, -8.0511,
-12.6106

■ 31.3411, -1.6262,
-12.1889

■ 61.0965, -3.2035,
-12.9421

■ 22.9816, -1.1844,
-11.7991

■ 72.3911, -3.8033,
-13.0590

■ 15.5350, -0.7919,
-11.3607

■ 84.3070, -4.4365,
-13.1153

■ 9.1255, -0.4544,
-10.9758

■ 96.8131, -5.1013,
-13.1149

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 109.8830, -5.7964,
-13.0613

0.0000, NaN, NaN

■ 123.4933, -6.5204,

0.0000, NaN, NaN

-12.9575

0.0000, NaN, NaN

137.6232, -7.2724,
-12.8065

■ 40.5222, -2.1119,
-12.5110

■ 40.5222, -2.1119,
-12.5110

■ 37.2930, -1.2877,
-17.7291

■ 43.8745, -2.6113,
-7.5935

■ 34.2010, -0.0797,
-23.2915

■ 47.3340, -2.8339,
-2.9381

■ 31.2668, 1.5769,
-29.2340

■ 50.8901, -2.8213,
1.4933

■ 28.5138, 3.7503,
-35.5776

■ 54.5334, -2.6074,
5.7340

■ 25.9691, 6.5018,
-42.3119

■ 58.2561, -2.2203,
9.8126

■ 23.6613, 9.8644,
-49.3738

■ 62.0515, -1.6834,
13.7538

■ 22.1803, 12.4149,
-54.5236

■ 65.9139, -1.0157,
17.5784

■ 69.8386, -0.2333,
21.3041

■ 73.8213, 0.6504,
24.9458

Harmonies

Analogous

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



40.5230, -8.5289, -10.3131



40.5222, -2.1119, -12.5110



40.5230, 4.7150, -10.2489

Triad

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



40.5230, -2.1123, -12.5102



40.5230, 9.9158, 8.0451



40.5230, -13.0232, 7.9725

Complementary

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



40.5222, -2.1119, -12.5110



45.5446, -0.1266, 13.9676

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.



40.5230, -8.6134, 11.6452



40.5222, -2.1119, -12.5110



40.5230, 4.6189, 11.6819

Square

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



40.5230, -2.1123, -12.5102



40.5230, 11.9364, 2.2553



40.5230, -2.2164, 12.8832



40.5230, -14.5670, 2.1562

Rectangle

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



40.5222, -2.1119, -12.5110



40.5230, 8.5164, -6.7030



40.5230, -2.2164, 12.8832



40.5230, -11.8420, 9.4615

Sweetspot

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



40.5230, -2.1123, -12.5102



64.2081, -3.7884, -2.1728



48.1609, -17.8218, 6.5299



30.0724, -1.7868, -1.3732



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



40.5230, -2.1123, -12.5102



50.4792, -1.9997, -21.9347



35.7573, 7.8697, -20.2624



23.6444, -1.3857, -0.5723



21.0987, 11.5780, -51.3651



2.8966, -0.4176, -2.7190

Inverse Universe

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



38.9237, 15.7374, 0.0099



48.1835, 26.7694, -0.2995



50.5795, -10.0487, 18.2994



23.3623, 1.0898, 0.8798



23.3146, 41.0952, 6.0097



2.3694, 4.3438, -0.6862

Previews

White Background



This preview shows how the HunterLab color 40.5222, -2.1119, -12.5110 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 40.5222, -2.1119, -12.5110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

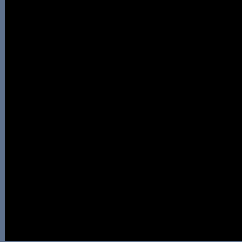
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

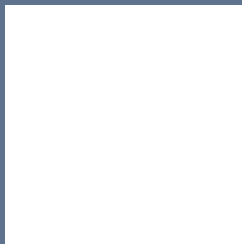
Any Text WCAG AAA × Fail

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

HunterLab 40.5222, -2.1119, -12.5110 Background



This preview shows how black text looks on a background with the HunterLab color 40.5222, -2.1119, -12.5110.



This preview shows how white text looks on a background with the HunterLab color 40.5222, -2.1119, -12.5110.

-12.5110.

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

40.5222, -2.1119, -12.5110

Protanopia

40.4061, 1.5707, -11.4809

Deuteranopia

40.4020, 3.1593, -13.1846



Tritanopia

40.5624, -7.4322, -3.9877

Trichromacy



Original Color

40.5222, -2.1119, -12.5110

Protanomaly

40.4181, 0.2892, -12.0548

Deuteranomaly

40.2934, 1.4115, -13.3848

Tritanomaly

40.5364, -5.6626, -7.0498

Monochromacy



Original Color

40.5222, -2.1119, -12.5110

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.3788, -2.4784, -2.6773

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5222, -2.1119, -12.5110 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(95, 114, 142)` looks like.

```
.text, #text, p{  
    color:rgb(95, 114, 142)  
}
```

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(95, 114, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 114, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5222, -2.1119, -12.5110 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(95, 114, 142) }
```


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

```
.border{ border-color:rgb(95, 114, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 114, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 114, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 114, 142);  
box-shadow:4px 4px 4px 4px rgb(95, 114,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5222, -2.1119, -12.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 114, 142) }
```

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

```
.background{ background-color: rgb(95, 114,  
142) }
```

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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