

Converting Colors

HunterLab(40.2513, 2.8223,
-25.4985)

Have a look what the booklet for
HunterLab(40.2513, 2.8223,
-25.4985) contains.

HunterLab(40.2513, 2.8223, -25.4985)	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(40.2513, 2.8223,
-25.4985)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6FA2
RGB	91, 111, 162
RGB Percent	36%, 44%, 64%
CMY	0.6431, 0.5647, 0.3647
CMYK	0.44, 0.31, 0.00, 0.36
HSL	223°, 28%, 50%
HSV	223°, 44%, 64%
XYZ	16.5204, 16.2017, 36.4389
YIQ	110.8340, -28.2910, 11.6210

Conversions

Conversions Part 2

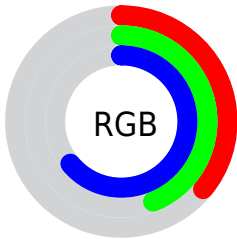
Format	Color
R _Y B	91, 107, 162
Decimal	5992354
CIE Lab	47.24, 6.46, -29.82
CIE LCh	47, 30.516, 282.223
Yxy	16.2023, 0.2389, 0.2343
Android (android.graphics.Color)	4284182434 (0xFF5B6FA2)
YUV	110.8340, 25.2248, -17.3944
Hunter-Lab	40.2513, 2.8223, -25.4985

Details

The HunterLab color $40.2513, 2.8223, -25.4985$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $52.7099, -2.6294, 21.2997$, and the grayscale version is $39.7215, -2.1194, 2.1581$.

A 20% lighter version of the original color is $60.6463, 2.6130, -26.7619$, and $22.8559, 2.8356, -24.1341$ is the 20% darker color. If you saturate the color by 10%, you get $36.1796, 5.2863, -33.6314$, and if you desaturate by 10%, it is $44.5236, 0.8536, -18.0694$.

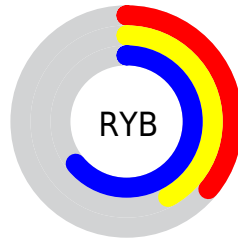
Distribution



Red (36%)

Green (44%)

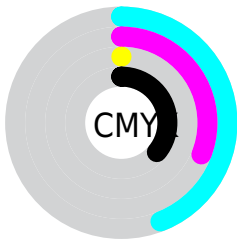
Blue (64%)



Red (36%)

Yellow (42%)

Blue (64%)

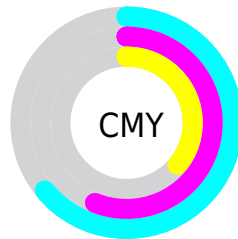


Cyan (44%)

Magenta (31%)

Yellow (0%)

Black (36%)



Cyan (64%)

Magenta (56%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2513, 2.8223, -25.4985 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 40.2513, 2.8223, -25.4985 by changing the saturation by 10% instead.

■ 40.2513, 2.8223,
-25.4985

■ 40.2513, 2.8223,
-25.4985

151.8329, -0.4761,
-28.8173

■ 31.0924, 2.9216,
-24.9186

■ 60.7857, 2.4256,
-26.5921

■ 22.7574, 2.9407,
-24.3884

■ 72.0622, 2.1429,
-27.0707

■ 15.3384, 2.8625,
-24.0658

■ 83.9609, 1.8107,
-27.4955

■ 8.9520, 2.7148,
-24.5088

■ 96.4508, 1.4331,
-27.8654

0.0000, NaN, -NF

0.0000, NaN, -NF

109.5050, 1.0131,
-28.1811

0.0000, NaN, NaN

123.1002, 0.5534,

0.0000, NaN, NaN

-28.4438

0.0000, NaN, NaN

137.2157, 0.0564,
-28.6552

■ 40.2513, 2.8223,
-25.4985

■ 40.2513, 2.8223,
-25.4985

■ 36.1796, 5.2863,
-33.6314

■ 44.5236, 0.8536,
-18.0694

■ 32.3440, 8.3505,
-42.5843

■ 48.9652, -0.7097,
-11.2309

■ 28.7940, 12.1221,
-52.4310

■ 53.5541, -1.9418,
-4.8780

■ 25.5915, 16.6783,
-63.1326

■ 58.2727, -2.9018,
1.0771

■ 22.8098, 21.9965,
-74.4116

■ 63.1069, -3.6367,
6.7073

■ 21.2934, 25.4770,
-81.6124

■ 68.0452, -4.1840,
12.0714

■ 73.0783, -4.5735,
17.2173

■ 78.1985, -4.8289,
22.1837

■ 83.3993, -4.9696,
27.0021

Harmonies

Analogous

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



40.2520, -8.9159, -24.6151



40.2513, 2.8223, -25.4985



40.2520, 14.4524, -17.5464

Triad

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



40.2520, 2.8222, -25.4976



40.2520, 16.2821, 14.2686



40.2520, -21.7453, 8.2994

Complementary

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



40.2513, 2.8223, -25.4985



52.7099, -2.6294, 21.2997

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.



40.2520, -16.4329, 15.2309



40.2513, 2.8223, -25.4985



40.2520, 5.0948, 17.9223

Square

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



40.2520, 2.8222, -25.4976



40.2520, 22.8084, 6.5422



40.2520, -6.8918, 18.2139



40.2520, -22.2029, -2.7076

Rectangle

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



40.2513, 2.8223, -25.4985



40.2520, 20.2198, -9.3609



40.2520, -6.8918, 18.2139



40.2520, -20.4994, 11.0905

Sweetspot

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



40.2520, 2.8222, -25.4976



72.5204, -2.7004, -6.0953



54.7857, -23.8407, 5.6952



33.7377, -1.1304, -3.7244



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.



40.2520, 2.8222, -25.4976



48.6494, 7.1909, -45.5257



36.3032, 16.3832, -33.1702



26.7764, -1.1586, -1.0202



19.0711, 22.1177, -71.5831



3.9030, 0.6031, -6.1803

Inverse Universe

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



40.3880, 24.3923, 3.2358



49.5982, 41.5382, 5.5896



57.2399, -16.6791, 24.7262



26.6782, 1.1661, 1.3694



24.9224, 43.3212, 11.1373



3.7172, 6.6622, 0.1042

Previews

White Background



This preview shows how the HunterLab color 40.2513, 2.8223, -25.4985 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 40.2513, 2.8223, -25.4985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

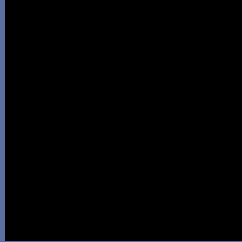
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

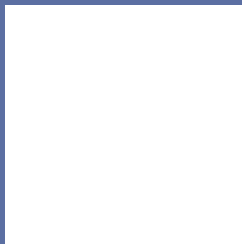
Any Text WCAG AAA × Fail

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

HunterLab 40.2513, 2.8223, -25.4985 Background



This preview shows how black text looks on a background with the HunterLab color 40.2513, 2.8223, -25.4985.



This preview shows how white text looks on a background with the HunterLab color 40.2513, 2.8223, -25.4985.

-25.4985.

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

40.2513, 2.8223, -25.4985

Protanopia

40.1970, 3.9394, -24.8958

Deuteranopia

40.3148, 3.0352, -25.3763



Tritanopia

40.2970, -9.8229, -4.8834

Trichromacy



Original Color

40.2513, 2.8223, -25.4985

Protanomaly

40.1307, 3.7188, -25.0225

Deuteranomaly

40.3148, 3.0352, -25.3763

Tritanomaly

40.1076, -5.1632, -12.0536

Monochromacy



Original Color

40.2513, 2.8223, -25.4985

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

39.9044, -0.8445, -6.8046

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2513, 2.8223, -25.4985 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, 111, 162)` looks like.

```
.text, #text, p{  
    color:rgb(91, 111, 162)  
}
```

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, 111, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 111, 162) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2513, 2.8223, -25.4985 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, 111, 162) }
```


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

```
.border{ border-color:rgb(91, 111, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 111, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 111, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 111, 162);  
box-shadow:4px 4px 4px 4px rgb(91, 111,  
162) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2513, 2.8223, -25.4985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 111, 162) }
```

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

```
.background{ background-color: rgb(91, 111,  
162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor