

Converting Colors

HunterLab(34.1831, -4.9840,
-13.9528)

Have a look what the booklet for
HunterLab(34.1831, -4.9840,
-13.9528) contains.

HunterLab(34.2588, -5.2323, -13.7307)	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(34.2588, -5.2323,
-13.7307)**

Conversions

Conversions Part 1

Format	Color
Hex	40647F
RGB	64, 100, 127
RGB Percent	25%, 39%, 50%
CMY	0.7490, 0.6078, 0.5020
CMYK	0.50, 0.21, 0.00, 0.50
HSL	206°, 33%, 37%
HSV	206°, 50%, 50%
XYZ	10.5023, 11.7367, 21.7906
YIQ	92.3140, -30.1230, 0.7650

Conversions

Conversions Part 2

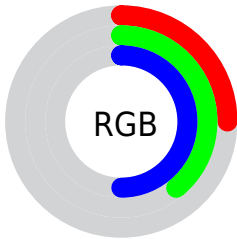
Format	Color
R_{YB}	64, 87, 127
Decimal	4220031
CIE _{Lab}	40.80, -4.87, -19.06
CIE _{LCh}	41, 19.677, 255.660
Yxy	11.7371, 0.2385, 0.2666
Android (android.graphics.Color)	4282410111 (0xFF40647F)
YUV	92.3140, 17.1002, -24.8314
Hunter-Lab	34.2588, -5.2323, -13.7307

Details

The HunterLab color **34.2588, -5.2323, -13.7307** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **35.1636, 6.5835, 13.6037**, and the grayscale version is **32.7781, -1.7490, 1.7809**.

A 20% lighter version of the original color is **53.9197, -7.0454, -14.3789**, and **18.0000, -3.7885, -12.7162** is the 20% darker color. If you saturate the color by 10%, you get **32.1702, -4.8956, -17.2683**, and if you desaturate by 10%, it is **36.4578, -5.2225, -10.2799**.

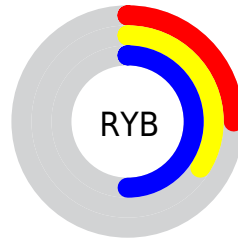
Distribution



Red (25%)

Green (39%)

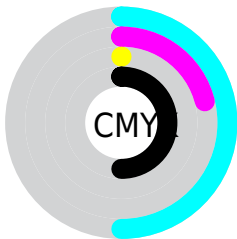
Blue (50%)



Red (25%)

Yellow (34%)

Blue (50%)

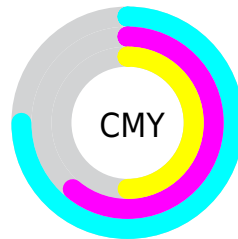


Cyan (50%)

Magenta (21%)

Yellow (0%)

Black (50%)



Cyan (75%)

Magenta (61%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.2588, -5.2323, -13.7307 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 34.2588, -5.2323, -13.7307 by changing the saturation by 10% instead.

■ 34.2588, -5.2323,
-13.7307

■ 34.2588, -5.2323,
-13.7307

■ 142.3576,
-13.1412, -14.6210

■ 25.6221, -4.4438,
-13.3187

■ 53.8659, -6.8543,
-14.3544

■ 17.8649, -3.6632,
-12.8616

■ 64.7227, -7.6924,
-14.5657

■ 11.1019, -2.8780,
-12.4326

■ 76.2243, -8.5501,
-14.7134

■ 2.9670, -5.1923,
-28.0405

■ 88.3366, -9.4279,
-14.8013

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 101.0300,
-10.3259, -14.8329

0.0000, NaN, NaN

114.2792,

0.0000, NaN, NaN

-11.2442, -14.8114

0.0000, NaN, NaN

128.0617,
-12.1827, -14.7399

■ 34.2588, -5.2323,
-13.7307

■ 34.2588, -5.2323,
-13.7307

■ 32.1702, -4.8956,
-17.2683

■ 36.4578, -5.2225,
-10.2799

■ 30.1994, -4.1766,
-20.8851

■ 38.7563, -4.9023,
-6.9214

■ 28.3561, -3.0447,
-24.5636

■ 41.1464, -4.3066,
-3.6540

■ 26.6477, -1.4816,
-28.2805

■ 43.6203, -3.4672,
-0.4740

■ 25.0455, 0.3987,
-32.0928

■ 46.1711, -2.4126,
2.6241

■ 24.9827, 0.4741,
-32.2496

■ 48.7927, -1.1678,
5.6467

■ 51.4796, 0.2454,
8.6005

■ 54.2268, 1.8082,
11.4922

■ 57.0300, 3.5044,
14.3284

Harmonies

Analogous

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



34.2594, -11.0854, -9.1066



34.2588, -5.2323, -13.7307



34.2594, 2.0360, -13.6167

Triad

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



34.2594, -5.2324, -13.7300



34.2594, 12.7366, 5.2720



34.2594, -11.2885, 9.9356

Complementary

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



34.2588, -5.2323, -13.7307



35.1636, 6.5835, 13.6037

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.



34.2594, -5.5315, 12.3787



34.2588, -5.2323, -13.7307



34.2594, 8.5262, 10.0955

Square

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



34.2594, -5.2324, -13.7300



34.2594, 12.8337, -1.6043



34.2594, 1.7109, 12.4304



34.2594, -14.3786, 5.0053

Rectangle

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



34.2588, -5.2323, -13.7307



34.2594, 6.7296, -10.8324



34.2594, 1.7109, 12.4304



34.2594, -9.6236, 11.0250

Sweetspot

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



34.2594, -5.2324, -13.7300



56.4545, -5.3234, -3.0684



41.2450, -22.1485, 11.0414



27.0336, -2.6681, -1.8519



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



34.2594, -5.2324, -13.7300



42.5565, -6.4153, -23.9837



26.2866, 8.9277, -28.9346



21.4188, -1.6740, -0.1549



25.0833, 0.4857, -32.4005

0.0000, NaN, NaN

Inverse Universe

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



30.1651, 23.4654, -4.6999



36.6672, 39.1458, -7.0891



43.2900, -7.2811, 19.9038



20.9337, 1.0775, 0.4069



22.4269, 40.5432, -2.0694

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 34.2588, -5.2323, -13.7307 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 34.2588, -5.2323, -13.7307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

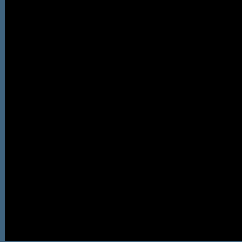
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

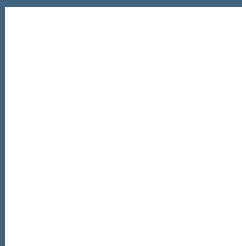
Any Text WCAG AAA × Fail

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

HunterLab 34.2588, -5.2323, -13.7307 Background



This preview shows how black text looks on a background with the HunterLab color 34.2588, -5.2323, -13.7307.

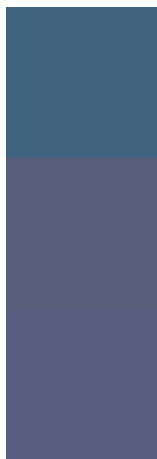


This preview shows how white text looks on a background with the HunterLab color 34.2588, -5.2323, -13.7307.

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

34.2588, -5.2323, -13.7307

Protanopia

34.2612, 1.4537, -11.2911

Deuteranopia

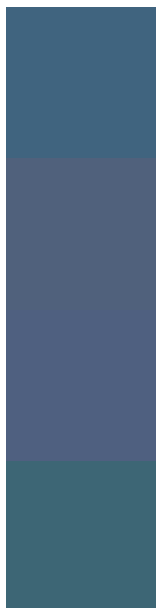
34.0443, 2.4463, -14.5454



Tritanopia

34.3191, -10.5269, -5.0184

Trichromacy



Original Color

34.2588, -5.2323, -13.7307

Protanomaly

34.2200, -1.3533, -11.9763

Deuteranomaly

34.0390, -0.2923, -14.6022

Tritanomaly

34.3208, -8.6414, -8.0765

Monochromacy



Original Color

34.2588, -5.2323, -13.7307

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

33.1635, -3.5569, -3.5204

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.2588, -5.2323, -13.7307 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(64, 100, 127)` looks like.

```
.text, #text, p{  
    color:rgb(64, 100, 127)  
}
```

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(64, 100, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 100, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 34.2588, -5.2323, -13.7307 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(64, 100, 127) }
```


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

```
.border{ border-color:rgb(64, 100, 127) }
```

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

Here you see how a box with a 4 pixel rgb(64, 100, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 100, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 100, 127);  
box-shadow:4px 4px 4px 4px rgb(64, 100,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.2588, -5.2323, -13.7307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 100, 127) }
```

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

```
.background{ background-color: rgb(64, 100,  
127) }
```

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