

Converting Colors

HunterLab(34.3694, 5.3481,
-21.5296)

Have a look what the booklet for
HunterLab(34.3694, 5.3481,
-21.5296) contains.

HunterLab(34.2759, 5.5224, -21.7003)	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(34.2759, 5.5224,
-21.7003)**

Conversions

Conversions Part 1

Format	Color
Hex	575D8C
RGB	87, 93, 140
RGB Percent	34%, 36%, 55%
CMY	0.6588, 0.6353, 0.4510
CMYK	0.38, 0.34, 0.00, 0.45
HSL	233°, 23%, 45%
HSV	233°, 38%, 55%
XYZ	12.5784, 11.7484, 26.4156
YIQ	96.5640, -18.6630, 13.3450

Conversions

Conversions Part 2

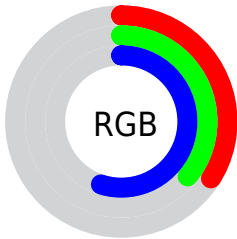
Format	Color
R_{YB}	87, 92, 140
Decimal	5725580
CIE _{Lab}	40.81, 9.91, -26.78
CIE _{LCh}	41, 28.559, 290.314
Yxy	11.7488, 0.2479, 0.2315
Android (android.graphics.Color)	4283915660 (0xFF575D8C)
YUV	96.5640, 21.4139, -8.3876
Hunter-Lab	34.2759, 5.5224, -21.7003

Details

The HunterLab color $34.2759, 5.5224, -21.7003$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $48.2847, -6.6397, 18.5640$, and the grayscale version is $34.3397, -1.8323, 1.8657$.

A 20% lighter version of the original color is $53.8785, 5.7904, -22.8642$, and $17.8418, 5.4069, -21.0552$ is the 20% darker color. If you saturate the color by 10%, you get $30.2219, 8.4977, -29.9038$, and if you desaturate by 10%, it is $38.5339, 2.9528, -14.3795$.

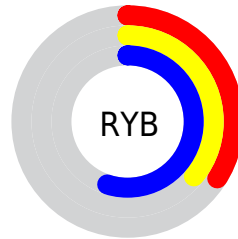
Distribution



Red (34%)

Green (36%)

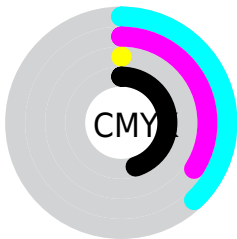
Blue (55%)



Red (34%)

Yellow (36%)

Blue (55%)

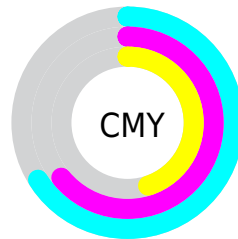


Cyan (38%)

Magenta (34%)

Yellow (0%)

Black (45%)



Cyan (66%)

Magenta (64%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.2759, 5.5224, -21.7003 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 34.2759, 5.5224, -21.7003 by changing the saturation by 10% instead.

■ 34.2759, 5.5224,
-21.7003

■ 34.2759, 5.5224,
-21.7003

■ 142.3851, 3.9280,
-24.6226

■ 25.6376, 5.3623,
-21.1519

■ 53.8858, 5.5831,
-22.7271

■ 17.8786, 5.0933,
-20.6694

■ 64.7438, 5.5063,
-23.1662

■ 11.1137, 4.6869,
-20.4828

■ 76.2467, 5.3685,
-23.5480

■ 3.0021, 14.2305,
-44.5311

■ 88.3600, 5.1753,
-23.8720

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 101.0545, 4.9311,
-24.1395

0.0000, NaN, NaN

114.3047, 4.6399,

0.0000, NaN, NaN

-24.3523

0.0000, NaN, NaN

128.0882, 4.3046,
-24.5126

■ 34.2759, 5.5224,
-21.7003

■ 34.2759, 5.5224,
-21.7003

■ 30.2219, 8.4977,
-29.9038

■ 38.5339, 2.9528,
-14.3795

■ 26.4165, 11.9832,
-39.1993

■ 42.9602, 0.7019,
-7.7580

■ 22.9263, 16.0794,
-49.7558

■ 47.5310, -1.2997,
-1.6838

■ 19.8430, 20.8237,
-61.5428

■ 52.2275, -3.1053,
3.9617

■ 17.2880, 26.0477,
-73.9821

■ 57.0354, -4.7554,
9.2698

■ 15.3694, 31.1260,
-85.6976

■ 61.9436, -6.2812,
14.3111

■ 15.0319, 32.0790,
-88.0380

■ 66.9429, -7.7067,
19.1402

■ 72.0259, -9.0504,
23.7997

■ 77.1866, -10.3271,
28.3228

Harmonies

Analogous

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



34.2765, -5.1872, -23.2205



34.2759, 5.5224, -21.7003



34.2765, 15.2733, -12.9372

Triad

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



34.2765, 5.5222, -21.6995



34.2765, 12.1531, 13.6680



34.2765, -19.6690, 4.9650

Complementary

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



34.2759, 5.5224, -21.7003



48.2847, -6.6397, 18.5640

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.



34.2765, -16.1245, 12.0667



34.2759, 5.5224, -21.7003



34.2765, 1.6600, 15.9862

Square

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



34.2765, 5.5222, -21.6995



34.2765, 19.4121, 7.9276



34.2765, -8.6118, 15.5058



34.2765, -18.9002, -5.5562

Rectangle

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



34.2759, 5.5224, -21.7003



34.2765, 19.5059, -5.3153



34.2765, -8.6118, 15.5058



34.2765, -18.9606, 7.7662

Sweetspot

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



34.2765, 5.5222, -21.6995



61.0426, -0.8607, -4.8879



47.4329, -16.7781, 0.8253



28.9586, -0.2651, -2.7972



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.



34.2765, 5.5222, -21.6995



41.1319, 10.4819, -37.5251



34.4322, 13.5848, -21.2684



22.3105, -0.5013, -1.1587



14.2280, 30.0135, -82.5744



1.5398, 1.2709, -4.6681

Inverse Universe

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



36.3078, 16.1030, 5.7429



44.6801, 27.0163, 8.8804



48.3891, -15.3283, 18.5001



22.4882, 0.7649, 1.5706



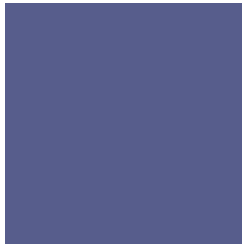
22.3351, 38.4041, 13.2343



1.8487, 3.2343, 0.6640

Previews

White Background



This preview shows how the HunterLab color 34.2759, 5.5224, -21.7003 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 34.2759, 5.5224, -21.7003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

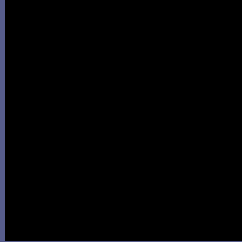
Any Text WCAG AA × Fail

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 34.2759, 5.5224, -21.7003 Background



This preview shows how black text looks on a background with the HunterLab color 34.2759, 5.5224, -21.7003.



This preview shows how white text looks on a background with the HunterLab color 34.2759, 5.5224, -21.7003.

-21.7003.

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

34.2759, 5.5224, -21.7003

Protanopia

34.4338, 3.4676, -22.1110

Deuteranopia

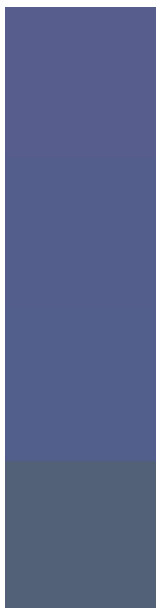
34.2210, 2.5857, -21.1877



Tritanopia

34.1284, -5.6433, -3.2342

Trichromacy



Original Color

34.2759, 5.5224, -21.7003

Protanomaly

34.3038, 4.3758, -22.3396

Deuteranomaly

34.1516, 3.7002, -21.2969

Tritanomaly

34.1689, -1.8915, -9.2625

Monochromacy



Original Color

34.2759, 5.5224, -21.7003

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

34.4748, 0.1325, -5.6226

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.2759, 5.5224, -21.7003 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(87, 93, 140)` looks like.

```
.text, #text, p{  
    color:rgb(87, 93, 140)  
}
```

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(87, 93, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 93, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 34.2759, 5.5224, -21.7003 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(87, 93, 140) }
```


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

```
.border{ border-color:rgb(87, 93, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 93, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 93, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 93, 140);  
box-shadow:4px 4px 4px 4px rgb(87, 93,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.2759, 5.5224, -21.7003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 93, 140) }
```

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

```
.background{ background-color: rgb(87, 93,  
140) }
```

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