

Converting Colors

HunterLab(35.3024, 39.6569,
-85.5277)

Have a look what the booklet for
HunterLab(35.3024, 39.6569,
-85.5277) contains.

HunterLab(35.2677, 39.5839, -85.6559)	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(35.2677, 39.5839,
-85.6559)**

Conversions

Conversions Part 1

Format	Color
Hex	6549D7
RGB	101, 73, 215
RGB Percent	40%, 29%, 84%
CMY	0.6039, 0.7137, 0.1569
CMYK	0.53, 0.66, 0.00, 0.16
HSL	252°, 64%, 56%
HSV	252°, 66%, 84%
XYZ	20.0151, 12.4381, 65.6359
YIQ	97.5600, -28.8940, 50.0980

Conversions

Conversions Part 2

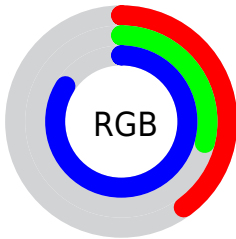
Format	Color
R_{YB}	101, 73, 215
Decimal	6638039
CIE _{Lab}	41.90, 47.88, -69.11
CIE _{LCh}	42, 84.082, 304.715
Yxy	12.4384, 0.2041, 0.1268
Android (android.graphics.Color)	4284828119 (0xFF6549D7)
YUV	97.5600, 57.8979, 3.0169
Hunter-Lab	35.2677, 39.5839, -85.6559

Details

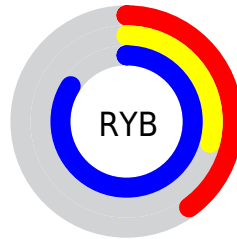
The HunterLab color $35.2677, 39.5839, -85.6559$ is a dark color, and the websafe version is hex $6633CC$. The color can be described as dark muted purple. A complement of this color would be $77.2311, -28.8474, 42.2453$, and the grayscale version is $34.5825, -1.8452, 1.8789$.

A 20% lighter version of the original color is $53.8173, 37.9301, -70.4025$, and $18.6809, 35.8260, -91.9660$ is the 20% darker color. If you saturate the color by 10%, you get $30.3167, 47.6576, -106.2166$, and if you desaturate by 10%, it is $41.0745, 31.6376, -66.9377$.

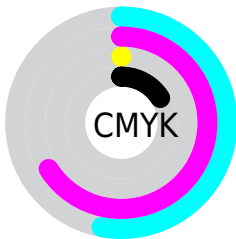
Distribution



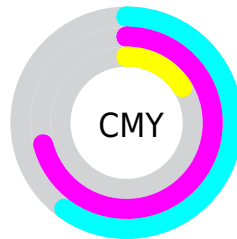
- Red (40%)
- Green (29%)
- Blue (84%)



- Red (40%)
- Yellow (29%)
- Blue (84%)



- Cyan (53%)
- Magenta (66%)
- Yellow (0%)
- Black (16%)



- Cyan (60%)
- Magenta (71%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.2677, 39.5839, -85.6559 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 35.2677, 39.5839, -85.6559 by changing the saturation by 10% instead.

■ 35.2677, 39.5839,
-85.6559

■ 35.2677, 39.5839,
-85.6559

■ 143.9746, 51.5886,
-90.0680

■ 26.5387, 37.7326,
-87.5929

■ 55.0374, 42.9736,
-84.9137

■ 18.6789, 35.8303,
-91.9632

■ 65.9676, 44.4976,
-85.2769

■ 11.7985, 34.0581,
-101.9185

■ 77.5386, 45.9132,
-85.8756

■ 4.5919, 49.7771,
-172.4384

■ 89.7167, 47.2269,
-86.6152

0.0000, INF, -NF

0.0000, NaN, -NF

■ 102.4730, 48.4452,
-87.4365

0.0000, NaN, -NF

115.7824, 49.5746,

0.0000, NaN, -NF

-88.3013

0.0000, NaN, NaN

129.6228, 50.6206,
-89.1842

■ 35.2677, 39.5839,
-85.6559

■ 35.2677, 39.5839,
-85.6559

■ 30.3167, 47.6576,
-106.2166

■ 41.0745, 31.6376,
-66.9377

■ 26.4765, 54.8589,
-126.6929

■ 47.5308, 24.1809,
-50.4844

■ 23.9780, 59.5465,
-143.1521

■ 54.4900, 17.2624,
-36.0749

■ 23.2532, 60.9207,
-148.5301

■ 61.8496, 10.8156,
-23.3289

■ 69.5374, 4.7489,
-11.8844

■ 77.5015, -1.0223,
-1.4450

■ 85.7038, -6.5677,
8.2192

■ 94.1153, -11.9423,
17.2832

■ 98.8364, -11.7483,
22.1303

Harmonies

Analogous

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



35.2682, 3.2264, -116.9952



35.2677, 39.5839, -85.6559



35.2682, 71.1418, -32.5483

Triad

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



35.2682, 39.5850, -85.6546



35.2682, 27.8396, 24.6877



35.2682, -44.1816, -3.1442

Complementary

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



35.2677, 39.5839, -85.6559



77.2311, -28.8474, 42.2453

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.



35.2682, -41.5982, 18.7113



35.2677, 39.5839, -85.6559



35.2682, -6.7185, 24.6877

Square

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



35.2682, 39.5850, -85.6546



35.2682, 62.8592, 21.4796



35.2682, -30.1380, 24.3193



35.2682, -39.0973, -49.0665

Rectangle

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



35.2677, 39.5839, -85.6559



35.2682, 80.7892, -3.8002



35.2682, -30.1380, 24.3193



35.2682, -44.1584, 6.8177

Sweetspot

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



35.2682, 39.5850, -85.6546



80.4429, 8.7641, -20.0081



65.3482, -23.6619, -18.4772



35.9945, 5.0235, -11.0881

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



35.2682, 39.5850, -85.6546



34.8689, 61.2809, -138.3090



42.6864, 55.9058, -62.0154



34.8216, 0.4170, -2.2669



18.0817, 47.1944, -114.1201



4.8184, 11.9249, -25.3612

Inverse Universe

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



47.7493, 63.6379, -27.8364



53.6440, 88.5985, -36.6514



72.7540, -46.4287, 38.8810



35.4806, 2.5217, -0.4203



32.3291, 60.9649, -22.5227



8.0085, 15.2152, -6.4564

Previews

White Background



This preview shows how the HunterLab color 35.2677, 39.5839, -85.6559 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 35.2677, 39.5839, -85.6559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

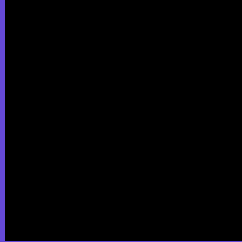
Any Text WCAG AA × Fail

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 35.2677, 39.5839, -85.6559 Background



This preview shows how black text looks on a background with the HunterLab color 35.2677, 39.5839, -85.6559.



This preview shows how white text looks on a background with the HunterLab color 35.2677, 39.5839, -85.6559.

-85.6559.

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

35.2677, 39.5839, -85.6559

Protanopia

35.2157, 12.5529, -71.1147

Deuteranopia

35.1616, 0.8769, -45.8418



Tritanopia

35.0516, -9.1643, -4.9878

Trichromacy



Original Color

35.2677, 39.5839, -85.6559

Protanomaly

34.1554, 20.2487, -79.9620

Deuteranomaly

33.9847, 12.4281, -62.8338

Tritanomaly

34.1950, 6.1603, -28.8510

Monochromacy



Original Color

35.2677, 39.5839, -85.6559

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

34.2352, 10.6104, -22.3599

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.2677, 39.5839, -85.6559 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(101, 73, 215)` looks like.

```
.text, #text, p{  
    color:rgb(101, 73, 215)  
}
```

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(101, 73, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 73, 215) }
```

Border

The CSS property to change the border of an element to HunterLab 35.2677, 39.5839, -85.6559 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(101, 73, 215) }
```


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

```
.border{ border-color:rgb(101, 73, 215) }
```

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

Here you see how a box with a 4 pixel rgb(101, 73, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 73, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 73, 215);  
box-shadow:4px 4px 4px 4px rgb(101, 73,  
215) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.2677, 39.5839, -85.6559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 73, 215) }
```

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

```
.background{ background-color: rgb(101, 73,  
215) }
```

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