

Converting Colors

HunterLab(40.3455, 33.8676,
-86.7944)

Have a look what the booklet for
HunterLab(40.3455, 33.8676,
-86.7944) contains.

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Color

**HunterLab(40.3826, 33.7600,
-86.6141)**

Conversions

Conversions Part 1

Format	Color
Hex	635DE8
RGB	99, 93, 232
RGB Percent	39%, 36%, 91%
CMY	0.6117, 0.6353, 0.0902
CMYK	0.57, 0.60, 0.00, 0.09
HSL	243°, 75%, 64%
HSV	243°, 60%, 91%
XYZ	23.6254, 16.3075, 78.2464
YIQ	110.6400, -41.0430, 44.5010

Conversions

Conversions Part 2

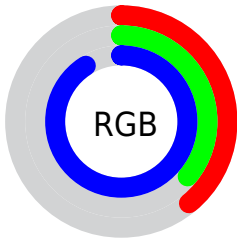
Format	Color
R_{YB}	99, 93, 232
Decimal	6512104
CIE _{Lab}	47.38, 41.21, -69.87
CIE _{LCh}	47, 81.120, 300.530
Yxy	16.3080, 0.1999, 0.1380
Android (android.graphics.Color)	4284702184 (0xFF635DE8)
YUV	110.6400, 59.8305, -10.2083
Hunter-Lab	40.3826, 33.7600, -86.6141

Details

The HunterLab color $40.3826, 33.7600, -86.6141$ is a dark color, and the websafe version is hex $6666FF$. The color can be described as middle muted purple. A complement of this color would be $86.4128, -22.7486, 45.7434$, and the grayscale version is $39.5228, -2.1088, 2.1473$.

A 20% lighter version of the original color is $58.8558, 25.9598, -58.5845$, and $22.7988, 30.5925, -90.8885$ is the 20% darker color. If you saturate the color by 10%, you get $34.2804, 43.0489, -110.1652$, and if you desaturate by 10%, it is $47.3740, 25.4143, -65.9107$.

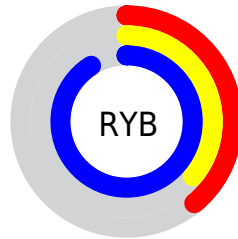
Distribution



Red (39%)

Green (36%)

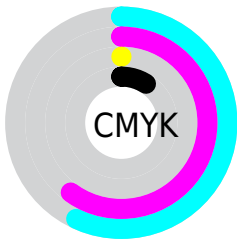
Blue (91%)



Red (39%)

Yellow (36%)

Blue (91%)

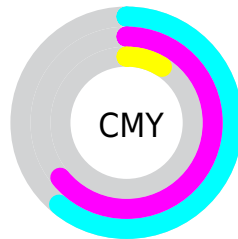


Cyan (57%)

Magenta (60%)

Yellow (0%)

Black (9%)



Cyan (61%)

Magenta (64%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3826, 33.7600, -86.6141 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 40.3826, 33.7600, -86.6141 by changing the saturation by 10% instead.

■ 40.3826, 33.7600, -86.6141

■ 40.3826, 33.7600, -86.6141

152.0370, 43.1831, -91.8958

■ 31.2128, 32.1883, -87.8671

■ 60.9361, 36.5422, -86.4475

■ 22.8659, 30.4987, -90.8276

■ 72.2214, 37.7628, -86.9346

■ 15.4335, 28.7369, -97.3609

■ 84.1284, 38.8812, -87.6082

■ 9.0364, 27.1625, -113.1088

■ 96.6262, 39.9049, -88.3930

0.0000, INF, -NF

0.0000, NaN, -NF

109.6880, 40.8411, -89.2409

0.0000, NaN, -NF

123.2905, 41.6960,

0.0000, NaN, -NF

-90.1204

0.0000, NaN, NaN

137.4130, 42.4750,
-91.0103

■ 40.3826, 33.7600,
-86.6141

■ 40.3826, 33.7600,
-86.6141

■ 34.2804, 43.0489,
-110.1652

■ 47.3740, 25.4143,
-65.9107

■ 29.3747, 52.6298,
-135.0718

■ 55.0302, 18.0485,
-48.0288

■ 26.0169, 60.7365,
-156.8868

■ 63.2002, 11.5076,
-32.4757

■ 24.2827, 65.5315,
-170.2965

■ 71.7814, 5.6105,
-18.7294

■ 24.2712, 65.5691,
-170.3912

■ 80.7021, 0.2028,
-6.3567

■ 89.9113, -4.8353,
4.9747

■ 99.2425, -9.3854,
15.3783

■ 99.3007, -9.1806,
15.4445

Harmonies

Analogous

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



40.3832, -1.5908, -109.6277



40.3826, 33.7600, -86.6141



40.3832, 65.9041, -38.0694

Triad

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



40.3832, 33.7612, -86.6127



40.3832, 32.4715, 27.1331



40.3832, -46.8610, 1.6574

Complementary

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



40.3826, 33.7600, -86.6141



86.4128, -22.7486, 45.7434

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.



40.3832, -42.7417, 21.6003



40.3826, 33.7600, -86.6141



40.3832, -2.7199, 28.2101

Square

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



40.3832, 33.7612, -86.6127



40.3832, 65.0119, 21.9681



40.3832, -28.7206, 27.0561



40.3832, -42.4301, -39.8182

Rectangle

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



40.3826, 33.7600, -86.6141



40.3832, 77.4037, -8.5693



40.3832, -28.7206, 27.0561



40.3832, -46.4488, 10.6319

Sweetspot

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



40.3832, 33.7612, -86.6127



81.6892, 5.1134, -18.2403



79.5567, -34.5577, -8.4785



36.4716, 3.2112, -10.3894

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.3832, 33.7612, -86.6127



36.6799, 50.5656, -129.4385



46.7815, 49.5596, -67.0633



37.3051, -0.0177, -2.6717



18.1225, 48.8826, -126.6391



5.0323, 13.3674, -33.5659

Inverse Universe

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



55.2045, 68.0385, -42.0643



57.0413, 88.9304, -54.8154



81.0922, -43.0622, 41.6431



38.2151, 3.0326, -1.2158



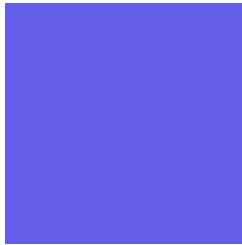
35.2936, 68.7490, -41.5937



9.6117, 18.7495, -11.5345

Previews

White Background



This preview shows how the HunterLab color 40.3826, 33.7600, -86.6141 looks on a white background.

Color Contrast Check

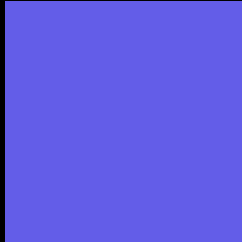
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.3826, 33.7600, -86.6141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

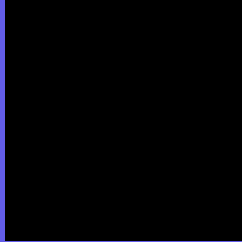
Any Text WCAG AA × Fail

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 40.3826, 33.7600, -86.6141 Background



This preview shows how black text looks on a background with the HunterLab color 40.3826, 33.7600, -86.6141.



This preview shows how white text looks on a background with the HunterLab color 40.3826, 33.7600, -86.6141.

-86.6141.

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

40.3826, 33.7600, -86.6141

Protanopia

40.4750, 15.1901, -83.3814

Deuteranopia

40.4211, 1.3489, -53.4348



Tritanopia

40.3029, -14.1151, -7.0014

Trichromacy



Original Color

40.3826, 33.7600, -86.6141

Protanomaly

39.7350, 19.6832, -86.8764

Deuteranomaly

39.4254, 10.7723, -67.2118

Tritanomaly

39.5625, 1.0440, -31.1219

Monochromacy



Original Color

40.3826, 33.7600, -86.6141

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

39.2339, 8.3666, -22.5404

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3826, 33.7600, -86.6141 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(99, 93, 232)` looks like.

```
.text, #text, p{  
    color:rgb(99, 93, 232)  
}
```

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(99, 93, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 93, 232) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3826, 33.7600, -86.6141 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(99, 93, 232) }
```


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

```
.border{ border-color:rgb(99, 93, 232) }
```

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

Here you see how a box with a 4 pixel rgb(99, 93, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 93, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 93, 232);  
box-shadow:4px 4px 4px 4px rgb(99, 93,  
232) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3826, 33.7600, -86.6141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 93, 232) }
```

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

```
.background{ background-color: rgb(99, 93,  
232) }
```

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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