

Converting Colors

HunterLab(38.9872, 27.7518,
-75.0686)

Have a look what the booklet for
HunterLab(38.9872, 27.7518,
-75.0686) contains.

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Color

**HunterLab(38.9431, 27.8899,
-75.4594)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5DD9
RGB	93, 93, 217
RGB Percent	36%, 36%, 85%
CMY	0.6353, 0.6353, 0.1490
CMYK	0.57, 0.57, 0.00, 0.15
HSL	240°, 62%, 61%
HSV	240°, 57%, 85%
XYZ	20.9530, 15.1657, 67.4687
YIQ	107.1360, -39.8040, 38.5640

Conversions

Conversions Part 2

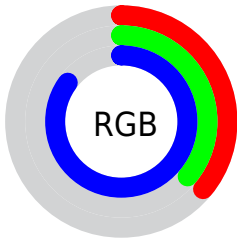
Format	Color
R_{YB}	93, 93, 217
Decimal	6118873
CIE _{Lab}	45.86, 35.41, -63.85
CIE _{LCh}	46, 73.012, 299.010
Yxy	15.1661, 0.2023, 0.1464
Android (android.graphics.Color)	4284308953 (0xFF5D5DD9)
YUV	107.1360, 54.1630, -12.3973
Hunter-Lab	38.9431, 27.8899, -75.4594

Details

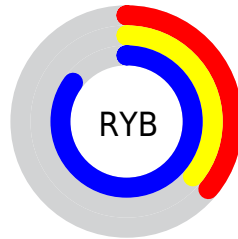
The HunterLab color $[38.9431, 27.8899, -75.4594]$ is a dark color, and the websafe version is hex $6666CC$. The color can be described as dark muted blue. A complement of this color would be $[80.7263, -18.7661, 41.8085]$, and the grayscale version is $[38.2082, -2.0387, 2.0759]$.

A 20% lighter version of the original color is $[57.9976, 24.7191, -60.5453]$, and $[21.6975, 24.9358, -78.3312]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.0240, 36.3552, -96.8729]$, and if you desaturate by 10%, it is $[45.6377, 20.4678, -56.8038]$.

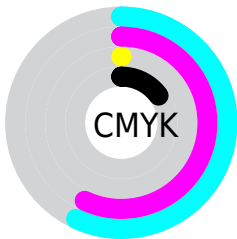
Distribution



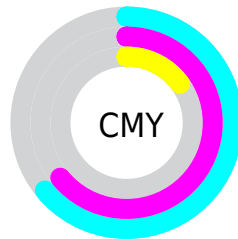
- Red (36%)
- Green (36%)
- Blue (85%)



- Red (36%)
- Yellow (36%)
- Blue (85%)



- Cyan (57%)
- Magenta (57%)
- Yellow (0%)
- Black (15%)



- Cyan (64%)
- Magenta (64%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.9431, 27.8899, -75.4594 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 38.9431, 27.8899, -75.4594 by changing the saturation by 10% instead.

■ 38.9431, 27.8899,
-75.4594

■ 38.9431, 27.8899,
-75.4594

149.7896, 35.5105,
-81.2467

■ 29.8932, 26.5221,
-76.2649

■ 59.2826, 30.2521,
-75.7561

■ 21.6783, 25.0210,
-78.5136

■ 70.4707, 31.2643,
-76.3498

■ 14.3946, 23.4096,
-83.8800

■ 82.2856, 32.1773,
-77.0792

■ 8.0550, 22.6126,
-99.2504

■ 94.6957, 32.9994,
-77.8830

0.0000, INF, -NF

0.0000, NaN, -NF

107.6736, 33.7378,
-78.7227

0.0000, NaN, -NF

121.1956, 34.3990,

0.0000, NaN, -NF

-79.5732

0.0000, NaN, NaN

135.2405, 34.9882,
-80.4183

■ 38.9431, 27.8899,
-75.4594

■ 38.9431, 27.8899,
-75.4594

■ 33.0240, 36.3552,
-96.8729

■ 45.6377, 20.4678,
-56.8038

■ 28.1517, 45.4907,
-120.1134

■ 52.9144, 14.0129,
-40.7047

■ 24.6601, 53.9396,
-141.6929

■ 60.6445, 8.3388,
-26.6651

■ 22.7694, 59.4757,
-155.8664

■ 68.7398, 3.2639,
-14.2073

■ 22.3827, 60.7128,
-159.0364

■ 77.1390, -1.3580,
-2.9476

■ 85.7978, -5.6379,
7.4051

■ 94.6833, -9.6584,
17.0672

■ 98.8887, -11.4583,
21.3752

Harmonies

Analogous

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



38.9437, -3.0136, -92.8966



38.9431, 27.8899, -75.4594



38.9437, 56.2234, -34.9352

Triad

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



38.9437, 27.8909, -75.4581



38.9437, 29.9909, 25.4874



38.9437, -42.8456, 3.0016

Complementary

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



38.9431, 27.8899, -75.4594



80.7263, -18.7661, 41.8085

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.



38.9437, -38.5405, 20.4347



38.9431, 27.8899, -75.4594



38.9437, -1.1375, 26.6145

Square

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



38.9437, 27.8909, -75.4581



38.9437, 57.6590, 19.7659



38.9437, -25.0606, 25.6354



38.9437, -39.0864, -32.1507

Rectangle

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



38.9431, 27.8899, -75.4594



38.9437, 66.8040, -9.0635



38.9437, -25.0606, 25.6354



38.9437, -42.3213, 10.7341

Sweetspot

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



38.9437, 27.8909, -75.4581



82.5091, 3.9256, -17.0735



75.4739, -33.0974, -5.6424



37.2464, 2.3650, -9.2420

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.9437, 27.8909, -75.4581



38.0578, 46.3346, -123.1267



44.5053, 42.2643, -59.2899



35.5208, -0.1561, -2.5718



17.4146, 47.2369, -123.7360



4.4326, 12.0232, -31.4934

Inverse Universe

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



52.5263, 61.1846, -40.6573



58.3769, 87.6887, -58.5739



75.7529, -37.5914, 37.9150



36.4347, 2.9387, -1.3408



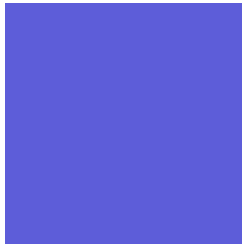
34.5865, 67.9975, -45.6124



8.8033, 17.3074, -11.6099

Previews

White Background



This preview shows how the HunterLab color 38.9431, 27.8899, -75.4594 looks on a white background.

Color Contrast Check

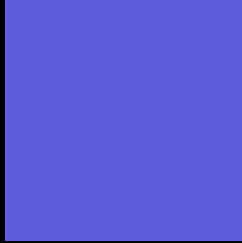
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.9431, 27.8899, -75.4594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

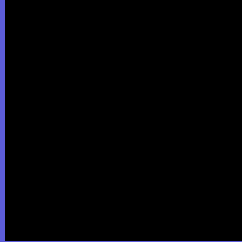
Any Text WCAG AA × Fail

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 38.9431, 27.8899, -75.4594 Background



This preview shows how black text looks on a background with the HunterLab color 38.9431, 27.8899, -75.4594.



This preview shows how white text looks on a background with the HunterLab color 38.9431, 27.8899, -75.4594.

-75.4594.

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

38.9431, 27.8899, -75.4594

Protanopia

38.9545, 14.9295, -80.9184

Deuteranopia

38.9547, 1.4744, -51.8727



Tritanopia

38.8905, -13.5343, -6.8834

Trichromacy



Original Color

38.9431, 27.8899, -75.4594

Protanomaly

38.2384, 17.7392, -81.1142

Deuteranomaly

38.0234, 9.2873, -62.5722

Tritanomaly

38.1645, -0.2160, -28.1541

Monochromacy



Original Color

38.9431, 27.8899, -75.4594

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

37.9922, 6.3251, -19.5566

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.9431, 27.8899, -75.4594 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(93, 93, 217)` looks like.

```
.text, #text, p{  
    color:rgb(93, 93, 217)  
}
```

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(93, 93, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 93, 217) }
```

Border

The CSS property to change the border of an element to HunterLab 38.9431, 27.8899, -75.4594 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(93, 93, 217) }
```


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

```
.border{ border-color:rgb(93, 93, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 93, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 93, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 93, 217);  
box-shadow:4px 4px 4px 4px rgb(93, 93,  
217) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.9431, 27.8899, -75.4594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 93, 217) }
```

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

```
.background{ background-color: rgb(93, 93,  
217) }
```

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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