

Converting Colors

HunterLab(36.5767, 55.3611,
-87.3795)

Have a look what the booklet for
HunterLab(36.5767, 55.3611,
-87.3795) contains.

HunterLab(36.4896, 55.4823, -87.6942)	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(36.4896, 55.4823,
-87.6942)**

Conversions

Conversions Part 1

Format	Color
Hex	863ADD
RGB	134, 58, 221
RGB Percent	53%, 23%, 87%
CMY	0.4745, 0.7725, 0.1333
CMYK	0.39, 0.74, 0.00, 0.13
HSL	268°, 71%, 55%
HSV	268°, 74%, 87%
XYZ	24.3957, 13.3149, 69.6908
YIQ	99.3060, -7.0270, 66.8050

Conversions

Conversions Part 2

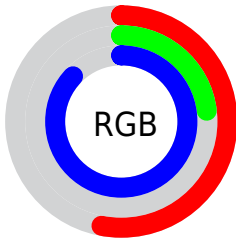
Format	Color
R_{YB}	134, 58, 221
Decimal	8796893
CIE _{Lab}	43.23, 62.44, -70.23
CIE _{LCh}	43, 93.973, 311.638
Yxy	13.3153, 0.2271, 0.1240
Android (android.graphics.Color)	4286986973 (0xFF863ADD)
YUV	99.3060, 59.9951, 30.4266
Hunter-Lab	36.4896, 55.4823, -87.6942

Details

The HunterLab color $36.4896, 55.4823, -87.6942$ is a dark color, and the websafe version is hex $6633CC$. The color can be described as middle muted purple. A complement of this color would be $76.1828, -43.5883, 43.0649$, and the grayscale version is $35.2225, -1.8794, 1.9137$.

A 20% lighter version of the original color is $54.9052, 52.9330, -67.4043$, and $20.4266, 48.2802, -89.8923$ is the 20% darker color. If you saturate the color by 10%, you get $32.6022, 61.9453, -103.2301$, and if you desaturate by 10%, it is $41.3100, 47.5959, -71.8923$.

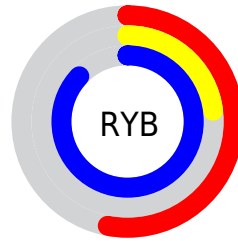
Distribution



Red (53%)

Green (23%)

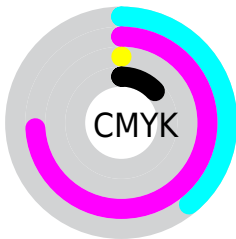
Blue (87%)



Red (53%)

Yellow (23%)

Blue (87%)

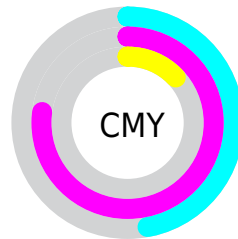


Cyan (39%)

Magenta (74%)

Yellow (0%)

Black (13%)



Cyan (47%)

Magenta (77%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4896, 55.4823, -87.6942 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 36.4896, 55.4823, -87.6942 by changing the saturation by 10% instead.

36.4896, 55.4823,
-87.6942

36.4896, 55.4823,
-87.6942

145.9208, 71.5223,
-92.1660

27.6515, 53.3093,
-89.5679

56.4528, 59.7039,
-86.9817

19.6705, 51.2413,
-93.7559

67.4703, 61.6822,
-87.3478

12.6520, 49.6541,
-103.1184

79.1239, 63.5602,
-87.9484

5.9840, 59.1719,
-144.8661

91.3804, 65.3383,
-88.6904

0.0000, INF, -NF

0.0000, NaN, -NF

104.2117, 67.0194,
-89.5154

0.0000, NaN, -NF

117.5929, 68.6074,

0.0000, NaN, -NF

-90.3853

0.0000, NaN, NaN

131.5024, 70.1069,
-91.2746

■ 36.4896, 55.4823,
-87.6942

■ 36.4896, 55.4823,
-87.6942

■ 32.6022, 61.9453,
-103.2301

■ 41.3100, 47.5959,
-71.8923

■ 29.7839, 65.8690,
-116.6700

■ 46.8944, 39.1439,
-56.9076

■ 28.4725, 67.0947,
-123.7284

■ 53.0938, 30.6133,
-43.1381

■ 59.7898, 22.2243,
-30.6037

■ 66.8924, 14.0500,
-19.1676

■ 74.3341, 6.0945,
-8.6514

■ 82.0639, -1.6664,
1.1152

■ 90.0429, -9.2651,
10.2784

■ 97.6187, -15.7699,
18.3282

Harmonies

Analogous

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



36.4902, 12.8906, -136.3473



36.4896, 55.4823, -87.6942



36.4902, 88.2312, -25.0093

Triad

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



36.4902, 55.4829, -87.6926



36.4902, 22.1778, 25.5431



36.4902, -47.6662, -13.7179

Complementary

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



36.4896, 55.4823, -87.6942



76.1828, -43.5883, 43.0649

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.



36.4902, -46.8027, 17.1068



36.4896, 55.4823, -87.6942



36.4902, -14.7407, 25.5431

Square

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



36.4902, 55.4829, -87.6926



36.4902, 64.4799, 24.1682



36.4902, -37.1664, 25.0534



36.4902, -40.2725, -73.0179

Rectangle

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



36.4896, 55.4823, -87.6942



36.4902, 94.6037, 3.7971



36.4902, -37.1664, 25.0534



36.4902, -48.2230, 0.0776

Sweetspot

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



36.4902, 55.4829, -87.6926



80.0236, 15.0293, -20.5222



52.1444, -4.5388, -45.7293



35.9386, 8.1516, -11.1197

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.4902, 55.4829, -87.6926



36.2087, 76.0362, -131.2730



47.2974, 75.5918, -55.2841



35.9350, 1.2563, -2.0099



21.8528, 51.3008, -93.4525



6.0027, 13.5527, -21.4922

Inverse Universe

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



45.2136, 64.7493, -6.1328



49.2631, 84.4356, -2.4772



72.9261, -56.9382, 40.6853



36.2865, 2.1454, 0.7634



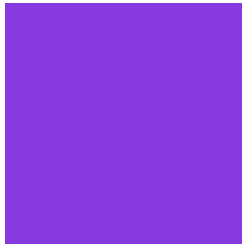
31.1644, 55.8803, 0.6789



8.0409, 14.6164, -1.3633

Previews

White Background



This preview shows how the HunterLab color 36.4896, 55.4823, -87.6942 looks on a white background.

Color Contrast Check

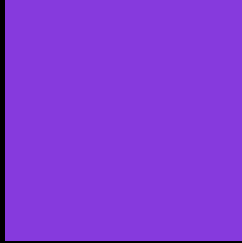
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.4896, 55.4823, -87.6942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

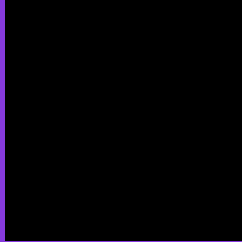
Any Text WCAG AA × Fail

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 36.4896, 55.4823, -87.6942 Background



This preview shows how black text looks on a background with the HunterLab color 36.4896, 55.4823, -87.6942.



This preview shows how white text looks on a background with the HunterLab color 36.4896, 55.4823, -87.6942.

-87.6942.

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

36.4896, 55.4823, -87.6942

Protanopia

36.7121, 12.8046, -73.5284

Deuteranopia

36.6039, 0.7513, -47.3736



Tritanopia

36.3819, 2.1856, -0.2118

Trichromacy



Original Color

36.4896, 55.4823, -87.6942



Protanomaly

34.3478, 25.3648, -87.0545



Deuteranomaly

34.0184, 17.1112, -68.7228



Tritanomaly

35.1146, 19.8164, -25.3216

Monochromacy



Original Color

36.4896, 55.4823, -87.6942



Achromatopsia

35.3231, -1.8847, 1.9192



Achromatomaly

34.3053, 17.0279, -23.4758

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4896, 55.4823, -87.6942 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(134, 58, 221)` looks like.

```
.text, #text, p{  
    color:rgb(134, 58, 221)  
}
```

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(134, 58, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 58, 221) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4896, 55.4823, -87.6942 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(134, 58, 221) }
```


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

```
.border{ border-color:rgb(134, 58, 221) }
```

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

Here you see how a box with a 4 pixel rgb(134, 58, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 58, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 58, 221);  
box-shadow:4px 4px 4px 4px rgb(134, 58,  
221) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.4896, 55.4823, -87.6942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 58, 221) }
```

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

```
.background{ background-color: rgb(134, 58,  
221) }
```

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