

Converting Colors

HunterLab(56.5334, 92.7145,
-17.7512)

Have a look what the booklet for
HunterLab(56.5334, 92.7145,
-17.7512) contains.

HunterLab(52.5891, 85.5501, -24.3056)	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(52.5891, 85.5501,
-24.3056)**

Conversions

Conversions Part 1

Format	Color
Hex	FF34C3
RGB	255, 52, 195
RGB Percent	100%, 20%, 76%
CMY	0.0000, 0.7960, 0.2353
CMYK	0.00, 0.80, 0.24, 0.00
HSL	318°, 100%, 60%
HSV	318°, 80%, 100%
XYZ	52.3184, 27.6561, 54.2105
YIQ	128.9990, 75.0850, 87.5090

Conversions

Conversions Part 2

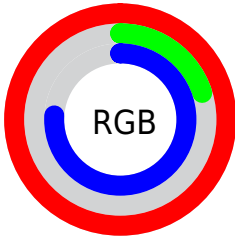
Format	Color
R _Y B	255, 52, 195
Decimal	16725187
CIE Lab	59.58, 84.01, -28.21
CIE LCh	60, 88.616, 341.438
Yxy	27.6575, 0.3899, 0.2061
Android (android.graphics.Color)	4294915267 (0xFFFF34C3)
YUV	128.9990, 32.5385, 110.5029
Hunter-Lab	52.5891, 85.5501, -24.3056

Details

The HunterLab color **52.5891, 85.5501, -24.3056** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **85.6858, -66.4093, 41.0267**, and the grayscale version is **46.7117, -2.4924, 2.5379**.

A 20% lighter version of the original color is **64.7789, 67.5321, -43.1933**, and **36.4150, 67.6427, -17.4059** is the 20% darker color. If you saturate the color by 10%, you get **50.6256, 89.9566, -22.5947**, and if you desaturate by 10%, it is **55.6147, 78.0927, -24.2898**.

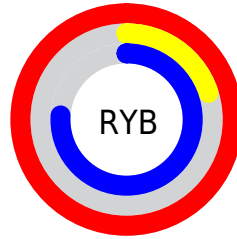
Distribution



Red (100%)

Green (20%)

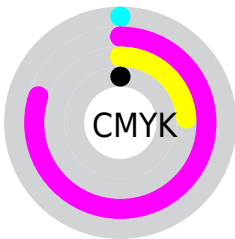
Blue (76%)



Red (100%)

Yellow (20%)

Blue (76%)

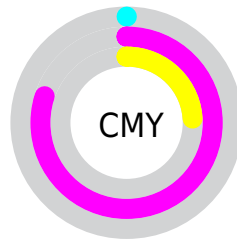


Cyan (0%)

Magenta (80%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.5891, 85.5501, -24.3056 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 52.5891, 85.5501, -24.3056 by changing the saturation by 10% instead.

52.5891, 85.5501,
-24.3056

52.5891, 85.5501,
-24.3056

170.5364,
105.5560, -26.6837

42.5060, 83.0281,
-23.7750

74.7911, 90.5320,
-25.2107

33.1641, 80.6033,
-23.2148

86.8307, 92.9312,
-25.5806

24.6290, 78.4752,
-22.6637

99.4548, 95.2493,
-25.8946

16.9858, 77.1315,
-22.2265

112.6376, 97.4816,
-26.1539

10.3541, 77.9702,
-22.2175

126.3563, 99.6271,
-26.3605

0.0000, INF, -NF

0.0000, NaN, NaN

140.5907,

101.6866, -26.5163

0.0000, NaN, NaN

155.3229,
103.6621, -26.6234

■ 52.5891, 85.5501,
-24.3056

■ 52.5891, 85.5501,
-24.3056

■ 50.6256, 89.9566,
-22.5947

■ 55.6147, 78.0927,
-24.2898

■ 49.5725, 91.4212,
-19.4501

■ 59.6828, 68.2265,
-22.6497

■ 49.5379, 91.4563,
-19.3153

■ 64.7107, 56.7605,
-19.6621

■ 70.5837, 44.4215,
-15.6557

■ 77.1832, 31.7360,
-10.9240

■ 84.4005, 19.0318,
-5.6943

■ 92.1430, 6.4863,
-0.1276

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



52.5904, 54.5753, -80.0344



52.5891, 85.5501, -24.3056



52.5904, 89.2766, 14.8294

Triad

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



52.5904, 85.5459, -24.3038



52.5904, -16.4836, 35.5545



52.5904, -47.0197, -66.7041

Complementary

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



52.5891, 85.5501, -24.3056



85.6858, -66.4093, 41.0267

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.



52.5904, -56.8389, -12.8091



52.5891, 85.5501, -24.3056



52.5904, -42.8427, 32.8145

Square

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



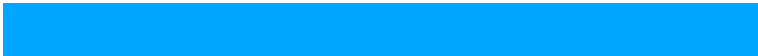
52.5904, 85.5459, -24.3038



52.5904, 22.4343, 35.2902



52.5904, -55.5645, 20.4828



52.5904, -24.0381, -114.2264

Rectangle

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



52.5891, 85.5501, -24.3056



52.5904, 74.8490, 27.6905



52.5904, -55.5645, 20.4828



52.5904, -51.6301, -47.5939

Sweetspot

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



52.5904, 85.5459, -24.3038



81.1565, 24.6073, -8.0440



36.0029, 64.1680, -132.4929



36.3676, 13.4813, -4.5765

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.5904, 85.5459, -24.3038



49.8852, 91.1126, -20.6788



49.5598, 73.8336, 18.5935



42.6655, 2.9448, -0.0333



35.8471, 66.2469, -14.4919



11.2711, 20.9765, -5.6975

Inverse Universe

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



52.5904, 85.5459, -24.3038



49.8852, 91.1126, -20.6788



87.7238, -53.9391, 11.4492



42.6655, 2.9448, -0.0333



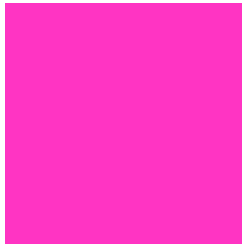
35.8471, 66.2469, -14.4919



11.2711, 20.9765, -5.6975

Previews

White Background



This preview shows how the HunterLab color 52.5891, 85.5501, -24.3056 looks on a white background.

Color Contrast Check

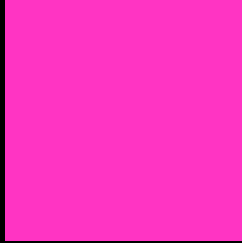
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 52.5891, 85.5501, -24.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

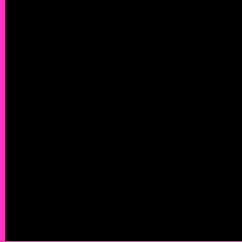
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 52.5891, 85.5501, -24.3056 Background



This preview shows how black text looks on a background with the HunterLab color 52.5891, 85.5501, -24.3056.



This preview shows how white text looks on a background with the HunterLab color 52.5891, 85.5501, -24.3056.

-24.3056.

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

52.5891, 85.5501, -24.3056

Protanopia

53.0564, 13.6144, -72.7917

Deuteranopia

52.7530, 4.0942, -18.3889



Tritanopia

52.4993, 57.2790, 21.3932

Trichromacy



Original Color

52.5891, 85.5501, -24.3056



Protanomaly

48.0545, 37.1775, -64.8534



Deuteranomaly

49.2660, 34.6834, -26.2926



Tritanomaly

51.9566, 67.2395, 8.6890

Monochromacy



Original Color

52.5891, 85.5501, -24.3056



Achromatopsia

46.8536, -2.5000, 2.5456



Achromatomaly

45.5206, 30.4596, -10.6703

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.5891, 85.5501, -24.3056 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(255, 52, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 52, 195)  
}
```

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(255, 52, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 52, 195) }
```

Border

The CSS property to change the border of an element to HunterLab 52.5891, 85.5501, -24.3056 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(255, 52, 195) }
```


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

```
.border{ border-color:rgb(255, 52, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 52, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 52, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 52, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 52,  
195) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.5891, 85.5501, -24.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 52, 195) }
```

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

```
.background{ background-color: rgb(255, 52,  
195) }
```

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