

Converting Colors

RGB(146, 52, 200)

Have a look what the booklet for
RGB(146, 52, 200) contains.

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Color

RGB(146, 52, 200)

Conversions

Conversions Part 1

Format	Color
Hex	9234C8
RGB	146, 52, 200
RGB Percent	57%, 20%, 78%
CMY	0.4275, 0.7961, 0.2157
CMYK	0.27, 0.74, 0.00, 0.22
HSL	278°, 59%, 49%
HSV	278°, 74%, 78%
XYZ	23.5074, 12.7371, 55.8631
YIQ	96.9780, 8.5160, 65.9560

Conversions

Conversions Part 2

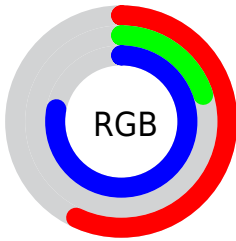
Format	Color
R_{YB}	146, 52, 200
Decimal	9581768
CIE _{Lab}	42.36, 62.28, -59.48
CIE _{LCh}	42, 86.122, 316.317
Yxy	12.7371, 0.2552, 0.1383
Android (android.graphics.Color)	4287771848 (0xFF9234C8)
YUV	96.9780, 50.7898, 42.9923
Hunter-Lab	35.6891, 55.1170, -67.8226

Details

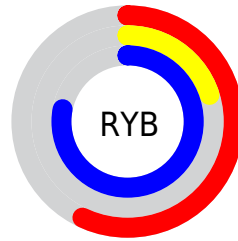
The RGB color **146, 52, 200** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **106, 200, 52**, and the grayscale version is **96, 96, 96**.

A 20% lighter version of the original color is **204, 107, 255**, and **89, 0, 145** is the 20% darker color. If you saturate the color by 10%, you get **139, 32, 200**, and if you desaturate by 10%, it is **153, 72, 200**.

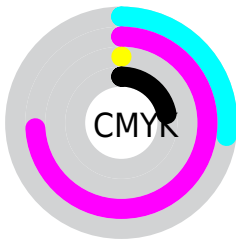
Distribution



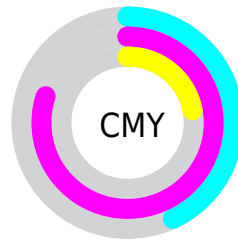
- Red (57%)
- Green (20%)
- Blue (78%)



- Red (57%)
- Yellow (20%)
- Blue (78%)



- Cyan (27%)
- Magenta (74%)
- Yellow (0%)
- Black (22%)




- Cyan (43%)
- Magenta (80%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 146, 52, 200 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 RGB color 146, 52, 200 by changing the saturation by 10% instead.

 146, 52, 200

 146, 52, 200

255, 255, 255

 118, 18, 172

 204, 107, 255

 89, 0, 145

 234, 135, 255

 61, 0, 119

 255, 163, 255

 32, 0, 93

 255, 191, 255

 0, 0, 68

 255, 220, 255

 0, 3, 45

 255, 249, 255

 0, 1, 23

 0, 0, 0

 146, 52, 200

 146, 52, 200

■ 139, 32, 200

■ 153, 72, 200

■ 131, 12, 200

■ 161, 92, 200

■ 127, 0, 200

■ 168, 112, 200

■ 175, 132, 200

■ 182, 152, 200

■ 190, 172, 200

■ 197, 192, 200

■ 204, 212, 200

■ 212, 232, 200

Harmonies

Analogous

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



0, 97, 240



146, 52, 200



205, 0, 136

Triad

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



146, 52, 200



149, 85, 0



0, 128, 138

Complementary

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



146, 52, 200



106, 200, 52

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.



0, 126, 63



146, 52, 200



86, 109, 0

Square

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



146, 52, 200



194, 36, 0



0, 120, 0



0, 127, 203

Rectangle

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



146, 52, 200



217, 0, 89



0, 120, 0



0, 127, 114

Sweetspot

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



146, 52, 200



235, 199, 255



52, 106, 200



115, 94, 128



0, 0, 0



128, 128, 128

Same Dimension

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



146, 52, 200



172, 28, 255



200, 52, 180



96, 90, 99



104, 0, 163



23, 0, 36

Inverse Universe

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



200, 52, 106



255, 28, 111



52, 200, 72



99, 90, 93



163, 0, 60



36, 0, 13

Previews

White Background



This preview shows how the RGB color 146, 52, 200 looks on a white background.

Color Contrast Check

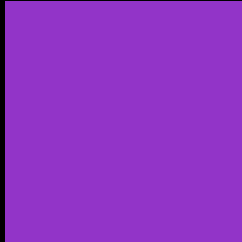
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 146, 52, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

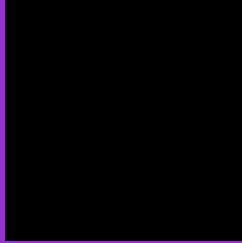
Any Text WCAG AA × Fail

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](#).

RGB 146, 52, 200 Background



This preview shows how black text looks on a background with the RGB color 146, 52, 200.

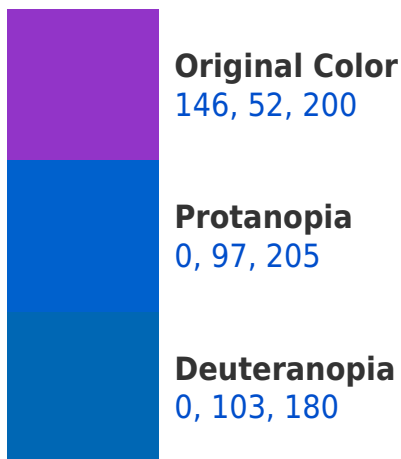



This preview shows how white text looks on a background with the RGB color 146, 52, 200.

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





Tritanopia
129, 89, 96

Trichromacy



Original Color

146, 52, 200



Protanomaly

53, 81, 203



Deuteranomaly

53, 84, 187



Tritanomaly

135, 76, 134

Monochromacy



Original Color

146, 52, 200



Achromatopsia

97, 97, 97



Achromatomaly

115, 81, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 146, 52, 200 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(146, 52, 200)` looks like.

```
.text, #text, p{  
    color:rgb(146, 52, 200)  
}
```

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(146, 52, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 52, 200) }
```

Border

The CSS property to change the border of an element to RGB 146, 52, 200 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(146, 52, 200) }
```

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

```
.border{ border-color:rgb(146, 52, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 52, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 52, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 52, 200);  
box-shadow:4px 4px 4px 4px rgb(146, 52,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 146, 52, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 52, 200) }
```

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

```
.background{ background-color: rgb(146, 52,  
200) }
```

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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