

Converting Colors

RGB(100, 98, 146)

Have a look what the booklet for
RGB(100, 98, 146) contains.

RGB(100, 98, 146)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(100, 98, 146)

Conversions

Conversions Part 1

Format	Color
Hex	646292
RGB	100, 98, 146
RGB Percent	39%, 38%, 57%
CMY	0.6078, 0.6157, 0.4275
CMYK	0.32, 0.33, 0.00, 0.43
HSL	243°, 20%, 48%
HSV	243°, 33%, 57%
XYZ	14.8115, 13.5200, 29.0231
YIQ	104.0700, -14.2160, 15.3520

Conversions

Conversions Part 2

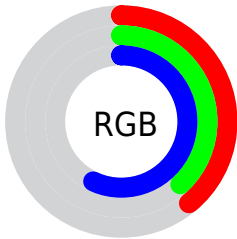
Format	Color
R_{YB}	100, 98, 146
Decimal	6578834
CIE _{Lab}	43.54, 12.44, -26.06
CIE _{LCh}	44, 28.882, 295.517
Yxy	13.5200, 0.2582, 0.2357
Android (android.graphics.Color)	4284768914 (0xFF646292)
YUV	104.0700, 20.6715, -3.5694
Hunter-Lab	36.7696, 7.5566, -21.0603

Details

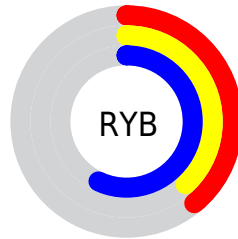
The RGB color **100, 98, 146** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **144, 146, 98**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **152, 149, 200**, and **51, 52, 95** is the 20% darker color. If you saturate the color by 10%, you get **86, 83, 146**, and if you desaturate by 10%, it is **114, 113, 146**.

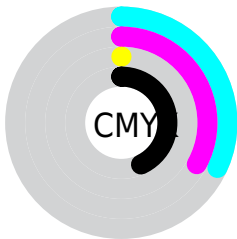
Distribution



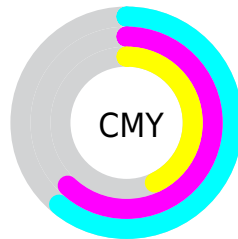
- Red (39%)
- Green (38%)
- Blue (57%)



- Red (39%)
- Yellow (38%)
- Blue (57%)



- Cyan (32%)
- Magenta (33%)
- Yellow (0%)
- Black (43%)



- Cyan (61%)
- Magenta (62%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 98, 146 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 100, 98, 146 by changing the saturation by 10% instead.



100, 98, 146



100, 98, 146

255, 255, 255



75, 74, 120



152, 149, 200



51, 52, 95



179, 175, 228



27, 31, 71



207, 203, 255



5, 7, 49



236, 231, 255



0, 1, 27



0, 0, 0



100, 98, 146



100, 98, 146



86, 83, 146



114, 113, 146



72, 69, 146



128, 127, 146

■ 58, 54, 146

■ 142, 142, 146

■ 44, 40, 146

■ 156, 156, 146

■ 30, 25, 146

■ 170, 171, 146

■ 16, 10, 146

■ 184, 186, 146

■ 6, 0, 146

■ 198, 200, 146

■ 212, 215, 146

■ 226, 229, 146

Harmonies

Analogous

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



59, 106, 150



100, 98, 146



129, 89, 130

Triad

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



100, 98, 146



139, 92, 64



33, 115, 98

Complementary

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



100, 98, 146



144, 146, 98

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.



69, 113, 75



100, 98, 146



121, 100, 55

Square

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



100, 98, 146



149, 85, 84



97, 108, 59



0, 115, 123

Rectangle

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



100, 98, 146



142, 85, 115



97, 108, 59



46, 115, 90

Sweetspot

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



100, 98, 146



171, 170, 189



98, 144, 146



83, 83, 94



222, 222, 222



94, 94, 94

Same Dimension

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



100, 98, 146



118, 115, 189



124, 98, 146



67, 67, 74



6, 0, 138



0, 0, 10

Inverse Universe

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



146, 98, 144



189, 115, 186



120, 146, 98



74, 67, 74



138, 0, 132



10, 0, 10

Previews

White Background



This preview shows how the RGB color 100, 98, 146 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 100, 98, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

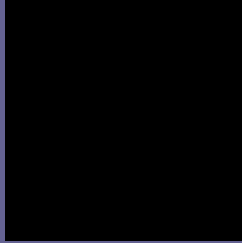
Any Text WCAG AA × Fail

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 100, 98, 146 Background



This preview shows how black text looks on a background with the RGB color 100, 98, 146.

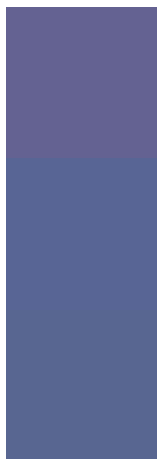


This preview shows how white text looks on a background with the RGB color 100, 98, 146.

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

100, 98, 146

Protanopia

88, 101, 149

Deuteranopia

88, 102, 145



Tritanopia
93, 105, 113

Trichromacy



Original Color

100, 98, 146

Protanomaly

92, 100, 148

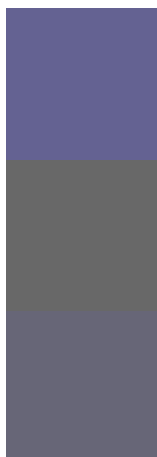
Deuteranomaly

92, 101, 145

Tritanomaly

96, 102, 125

Monochromacy



Original Color

100, 98, 146

Achromatopsia

104, 104, 104

Achromatomaly

103, 102, 119

CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 98, 146 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(100, 98, 146)` looks like.

```
.text, #text, p{  
    color:rgb(100, 98, 146)  
}
```

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(100, 98, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 98, 146) }
```

Border

The CSS property to change the border of an element to RGB 100, 98, 146 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(100, 98, 146) }
```

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

```
.border{ border-color:rgb(100, 98, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 98, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 98, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 98, 146);  
box-shadow:4px 4px 4px 4px rgb(100, 98,  
146) }
```

Background

The CSS property to change the background color of an element to RGB 100, 98, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 98, 146) }
```

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

```
.background{ background-color: rgb(100, 98,  
146) }
```

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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