

Converting Colors

RGB(152, 59, 125)

Have a look what the booklet for
RGB(152, 59, 125) contains.

RGB(152, 59, 125)	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(152, 59, 125)

Conversions

Conversions Part 1	
Format	Color
Hex	983B7D
RGB	152, 59, 125
RGB Percent	60%, 23%, 49%
CMY	0.4039, 0.7686, 0.5098
CMYK	0.00, 0.61, 0.18, 0.40
HSL	317°, 44%, 41%
HSV	317°, 61%, 60%
XYZ	18.2145, 11.2840, 20.6201
YIQ	94.3310, 34.2420, 40.2420

Conversions

Conversions Part 2

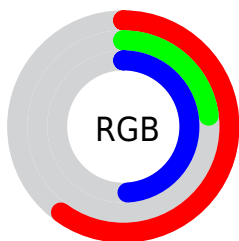
Format	Color
RYB	152, 59, 125
Decimal	9976701
CIELab	40.05, 46.65, -18.21
CIELCh	40, 50.079, 338.682
Yxy	11.2840, 0.3634, 0.2251
Android (android.graphics.Color)	4288166781 (0xFF983B7D)
YUV	94.3310, 15.1198, 50.5757
Hunter-Lab	33.5917, 38.0033, -12.8807

Details

The RGB color **152, 59, 125** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **59, 152, 86**, and the grayscale version is **94, 94, 94**.

A 20% lighter version of the original color is **209, 112, 178**, and **98, 0, 76** is the 20% darker color. If you saturate the color by 10%, you get **152, 44, 121**, and if you desaturate by 10%, it is **152, 74, 129**.

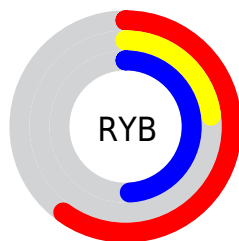
Distribution



Red (60%)

Green (23%)

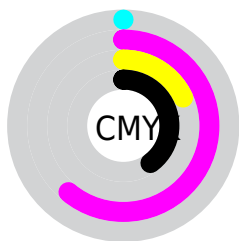
Blue (49%)



Red (60%)

Yellow (23%)

Blue (49%)

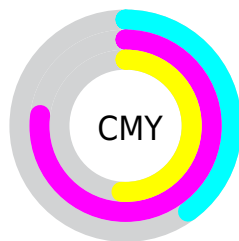


Cyan (0%)

Magenta (61%)

Yellow (18%)

Black (40%)



Cyan (40%)

Magenta (77%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 152, 59, 125 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 152, 59, 125 by changing the saturation by 10% instead.



152, 59, 125



152, 59, 125

255, 255, 255



125, 32, 100



209, 112, 178



98, 0, 76



238, 138, 205



72, 0, 53



255, 166, 234



50, 0, 32



255, 194, 255



9, 0, 3



255, 222, 255



0, 0, 0



255, 251, 255



152, 59, 125



152, 59, 125




152, 44, 121




152, 74, 129

 152, 29, 116

 152, 89, 134

 152, 13, 112

 152, 105, 138

 152, 0, 108

 152, 120, 143

 152, 135, 147

 152, 150, 151

 152, 165, 156

 152, 181, 160

 152, 196, 165

Harmonies

Analogous

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



111, 78, 159



152, 59, 125



167, 52, 84

Triad

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



152, 59, 125



103, 96, 0



0, 112, 145

Complementary

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



152, 59, 125



59, 152, 86

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, 113, 106



152, 59, 125



58, 106, 23

Square

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



152, 59, 125



137, 81, 8



0, 111, 63



0, 107, 171

Rectangle

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



152, 59, 125



165, 58, 58



0, 111, 63



0, 113, 133

Sweetspot

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



152, 59, 125



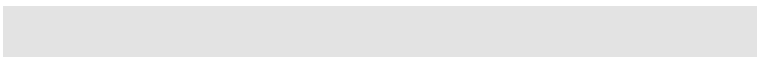
196, 161, 186



85, 59, 152



99, 78, 93



227, 227, 227



99, 99, 99

Same Dimension

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



152, 59, 125



196, 53, 155



152, 59, 79



77, 69, 74



140, 0, 100



13, 0, 9

Inverse Universe

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



152, 59, 125



196, 53, 155



59, 152, 132



77, 69, 74



140, 0, 100



13, 0, 9

Previews

White Background



This preview shows how the RGB color 152, 59, 125 looks on a white background.

Color Contrast Check

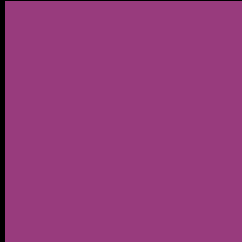
Large Text (above 18pt) WCAG AA ✓ Pass

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 152, 59, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

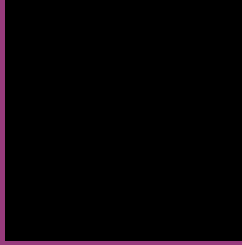
Any Text WCAG AA × Fail

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 152, 59, 125 Background



This preview shows how black text looks on a background with the RGB color 152, 59, 125.



This preview shows how white text looks on a background with the RGB color 152, 59, 125.

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

152, 59, 125

Protanopia

73, 93, 152

Deuteranopia

92, 93, 120



Tritanopia

147, 71, 76

Trichromacy



Original Color

152, 59, 125



Protanomaly

102, 81, 142



Deuteranomaly

114, 81, 122



Tritanomaly

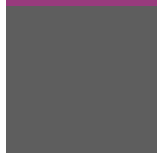
149, 67, 94

Monochromacy



Original Color

152, 59, 125



Achromatopsia

94, 94, 94



Achromatomaly

115, 81, 105

CSS Examples

Text

The CSS property to change the color of the text to RGB 152, 59, 125 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(152, 59, 125) looks like.

```
.text, #text, p{  
    color:rgb(152, 59, 125)  
}
```

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(152, 59, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 59, 125) }
```

Border

The CSS property to change the border of an element to RGB 152, 59, 125 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(152, 59, 125) }
```

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

```
.border{ border-color:rgb(152, 59, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 59, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 59, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 59, 125);  
box-shadow:4px 4px 4px 4px rgb(152, 59,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 152, 59, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 59, 125) }
```

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

```
.background{ background-color: rgb(152, 59,  
125) }
```

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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