

Converting Colors

RGB(187, 52, 152)

Have a look what the booklet for
RGB(187, 52, 152) contains.

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Color

RGB(187, 52, 152)

Conversions

Conversions Part 1

Format	Color
Hex	BB3498
RGB	187, 52, 152
RGB Percent	73%, 20%, 60%
CMY	0.2667, 0.7961, 0.4039
CMYK	0.00, 0.72, 0.19, 0.27
HSL	316°, 56%, 47%
HSV	316°, 72%, 73%
XYZ	27.3890, 15.2878, 31.2130
YIQ	103.7650, 48.3600, 59.7200

Conversions

Conversions Part 2

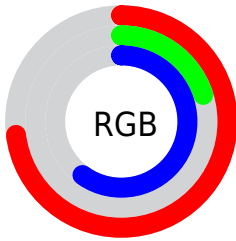
Format	Color
R_{YB}	187, 52, 152
Decimal	12268696
CIE _{Lab}	46.03, 62.90, -24.93
CIE _{LCh}	46, 67.663, 338.379
Yxy	15.2878, 0.3707, 0.2069
Android (android.graphics.Color)	4290458776 (0xFFBB3498)
YUV	103.7650, 23.7799, 72.9971
Hunter-Lab	39.0996, 56.6138, -19.9613

Details

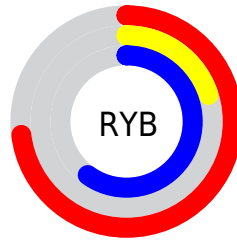
The RGB color **187, 52, 152** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **52, 187, 87**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **246, 110, 207**, and **130, 0, 101** is the 20% darker color. If you saturate the color by 10%, you get **187, 33, 147**, and if you desaturate by 10%, it is **187, 71, 157**.

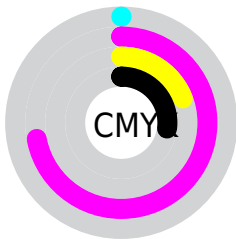
Distribution



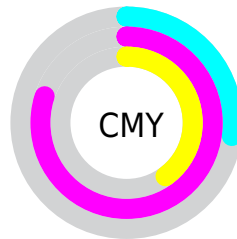
- Red (73%)
- Green (20%)
- Blue (60%)



- Red (73%)
- Yellow (20%)
- Blue (60%)



- Cyan (0%)
- Magenta (72%)
- Yellow (19%)
- Black (27%)



- Cyan (27%)
- Magenta (80%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 52, 152 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 187, 52, 152 by changing the saturation by 10% instead.



187, 52, 152



187, 52, 152

255, 255, 255



158, 11, 126



246, 110, 207



130, 0, 101



255, 139, 235



102, 0, 76



255, 167, 255



75, 0, 53



255, 196, 255



49, 0, 32



255, 225, 255



6, 0, 2

255, 255, 255



0, 0, 0



187, 52, 152



187, 52, 152



187, 33, 147



187, 71, 157

■ 187, 15, 142

■ 187, 89, 162

■ 187, 0, 139

■ 187, 108, 167

■ 187, 127, 171

■ 187, 146, 176

■ 187, 164, 181

■ 187, 183, 186

■ 187, 202, 191

■ 187, 220, 196

Harmonies

Analogous

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



128, 85, 199



187, 52, 152



207, 35, 96

Triad

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



187, 52, 152



118, 112, 0



0, 133, 179

Complementary

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



187, 52, 152



52, 187, 87

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, 133, 124



187, 52, 152



54, 125, 0

Square

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



187, 52, 152



165, 90, 0



0, 131, 64



0, 126, 215

Rectangle

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



187, 52, 152



203, 50, 59



0, 131, 64



0, 133, 162

Sweetspot

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



187, 52, 152



242, 189, 228



86, 52, 187



122, 91, 114



250, 250, 250



122, 122, 122

Same Dimension

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



187, 52, 152



242, 31, 188



187, 52, 86



94, 85, 92



158, 0, 117



31, 0, 23

Inverse Universe

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



187, 52, 152



242, 31, 188



52, 187, 153



94, 85, 92



158, 0, 117



31, 0, 23

Previews

White Background



This preview shows how the RGB color 187, 52, 152 looks on a white background.

Color Contrast Check

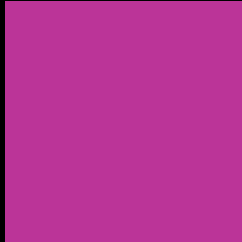
Large Text (above 18pt) WCAG AA ✓ Pass

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 187, 52, 152 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 187, 52, 152 Background



This preview shows how black text looks on a background with the RGB color 187, 52, 152.

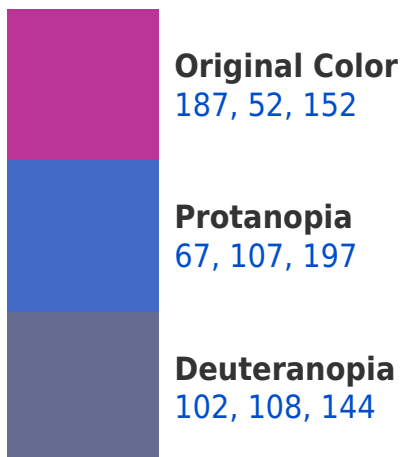


This preview shows how white text looks on a background with the RGB color 187, 52, 152.

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
180, 75, 79

Trichromacy



Original Color

187, 52, 152



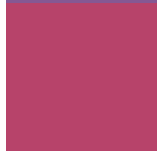
Protanomaly

111, 87, 181



Deuteranomaly

133, 88, 147



Tritanomaly

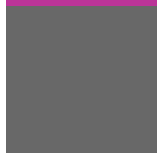
183, 67, 106

Monochromacy



Original Color

187, 52, 152



Achromatopsia

104, 104, 104



Achromatomaly

134, 85, 121

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 52, 152 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(187, 52, 152)` looks like.

```
.text, #text, p{  
    color:rgb(187, 52, 152)  
}
```

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(187, 52, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 52, 152) }
```

Border

The CSS property to change the border of an element to RGB 187, 52, 152 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(187, 52, 152) }
```

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

```
.border{ border-color:rgb(187, 52, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 52, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 52, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 52, 152);  
box-shadow:4px 4px 4px 4px rgb(187, 52,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 187, 52, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 52, 152) }
```

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

```
.background{ background-color: rgb(187, 52,  
152) }
```

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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