

Converting Colors

RGB(187, 66, 225)

Have a look what the booklet for
RGB(187, 66, 225) contains.

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Color

RGB(187, 66, 225)

Conversions

Conversions Part 1

Format	Color
Hex	BB42E1
RGB	187, 66, 225
RGB Percent	73%, 26%, 88%
CMY	0.2667, 0.7412, 0.1176
CMYK	0.17, 0.71, 0.00, 0.12
HSL	286°, 73%, 57%
HSV	286°, 71%, 88%
XYZ	36.0323, 19.8975, 73.1756
YIQ	120.3050, 21.0770, 75.1010

Conversions

Conversions Part 2

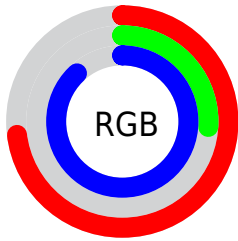
Format	Color
R_{YB}	187, 66, 225
Decimal	12272353
CIE _{Lab}	51.72, 69.97, -58.43
CIE _{LCh}	52, 91.156, 320.138
Yxy	19.8975, 0.2791, 0.1541
Android (android.graphics.Color)	4290462433 (0xFFBB42E1)
YUV	120.3050, 51.6146, 58.4915
Hunter-Lab	44.6066, 66.1274, -66.0387

Details

The RGB color **187, 66, 225** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **104, 225, 66**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **247, 124, 255**, and **129, 0, 169** is the 20% darker color. If you saturate the color by 10%, you get **182, 43, 225**, and if you desaturate by 10%, it is **192, 89, 225**.

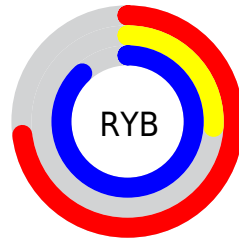
Distribution



Red (73%)

Green (26%)

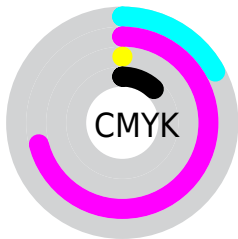
Blue (88%)



Red (73%)

Yellow (26%)

Blue (88%)

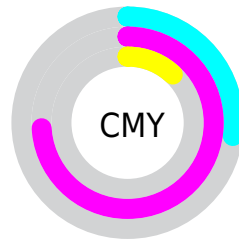


Cyan (17%)

Magenta (71%)

Yellow (0%)

Black (12%)



Cyan (27%)


















Magenta (74%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 66, 225 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, 66, 225 by changing the saturation by 10% instead.

 187, 66, 225	 187, 66, 225
 255, 255, 255	 158, 32, 197
 247, 124, 255	 129, 0, 169
 255, 152, 255	 101, 0, 142
 255, 181, 255	 72, 0, 115
 255, 210, 255	 45, 0, 90
 255, 239, 255	 7, 0, 65
	 0, 3, 42
	 0, 1, 20
	 0, 0, 0

■ 187, 66, 225

■ 187, 66, 225

■ 182, 43, 225

■ 192, 89, 225

■ 176, 21, 225

■ 198, 111, 225

■ 171, 0, 225

■ 203, 133, 225

■ 209, 156, 225

■ 214, 178, 225

■ 219, 201, 225

■ 225, 223, 225

■ 230, 246, 225

■ 235, 255, 225

Harmonies

Analogous

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



0, 115, 255



187, 66, 225



244, 0, 153

Triad

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



187, 66, 225



172, 111, 0



0, 155, 175

Complementary

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



187, 66, 225



104, 225, 66

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, 153, 94



187, 66, 225



100, 135, 0

Square

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



187, 66, 225



224, 68, 0



0, 147, 0



0, 152, 244

Rectangle

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



187, 66, 225



254, 0, 101



0, 147, 0



0, 155, 149

Sweetspot

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



187, 66, 225



242, 201, 255



66, 106, 225



120, 96, 128



0, 0, 0



128, 128, 128

Same Dimension

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



187, 66, 225



203, 38, 255



225, 66, 185



110, 101, 112



134, 0, 176



37, 0, 48

Inverse Universe

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



225, 66, 104



255, 38, 90



66, 225, 106



112, 101, 104



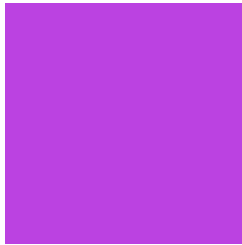
176, 0, 42



48, 0, 12

Previews

White Background



This preview shows how the RGB color 187, 66, 225 looks on a white background.

Color Contrast Check

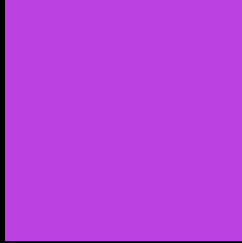
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 187, 66, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

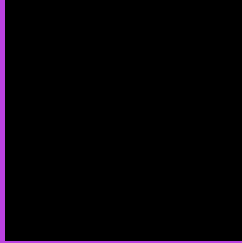
Any Text WCAG AA ✓ Pass

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](#).

RGB 187, 66, 225 Background



This preview shows how black text looks on a background with the RGB color 187, 66, 225.

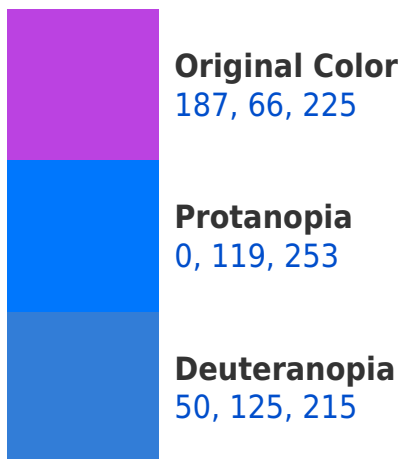



This preview shows how white text looks on a background with the RGB color 187, 66, 225.

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
171, 104, 112

Trichromacy



Original Color

187, 66, 225



Protanomaly

68, 100, 243



Deuteranomaly

100, 104, 219



Tritanomaly

177, 90, 153

Monochromacy



Original Color

187, 66, 225



Achromatopsia

120, 120, 120



Achromatomaly

144, 100, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 66, 225 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, 66, 225)` looks like.

```
.text, #text, p{  
    color:rgb(187, 66, 225)  
}
```

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, 66, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 66, 225) }
```

Border

The CSS property to change the border of an element to RGB 187, 66, 225 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, 66, 225) }
```

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

```
.border{ border-color:rgb(187, 66, 225) }
```

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

Here you see how a box with a 4 pixel rgb(187, 66, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 66, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 66, 225);  
box-shadow:4px 4px 4px 4px rgb(187, 66,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 187, 66, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 66, 225) }
```

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

```
.background{ background-color: rgb(187, 66,  
225) }
```

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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