

Converting Colors

RGB(208, 41, 105)

Have a look what the booklet for
RGB(208, 41, 105) contains.

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Color

RGB(208, 41, 105)

Conversions

Conversions Part 1

Format	Color
Hex	D02969
RGB	208, 41, 105
RGB Percent	82%, 16%, 41%
CMY	0.1843, 0.8392, 0.5882
CMYK	0.00, 0.80, 0.50, 0.18
HSL	337°, 67%, 49%
HSV	337°, 80%, 82%
XYZ	29.3552, 16.0157, 14.9087
YIQ	98.2290, 78.9880, 55.3080

Conversions

Conversions Part 2

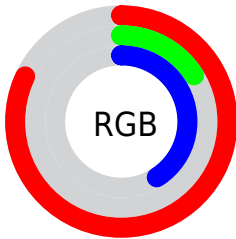
Format	Color
R_{YB}	208, 41, 105
Decimal	13642089
CIE _{Lab}	47.00, 66.45, 5.53
CIE _{LCh}	47, 66.675, 4.756
Yxy	16.0157, 0.4870, 0.2657
Android (android.graphics.Color)	4291832169 (0xFFD02969)
YUV	98.2290, 3.3381, 96.2692
Hunter-Lab	40.0196, 60.8989, 5.9261

Details

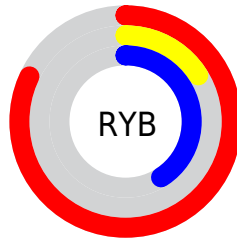
The RGB color **208, 41, 105** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **41, 208, 144**, and the grayscale version is **98, 98, 98**.

A 20% lighter version of the original color is **255, 104, 156**, and **147, 0, 58** is the 20% darker color. If you saturate the color by 10%, you get **208, 20, 92**, and if you desaturate by 10%, it is **208, 62, 118**.

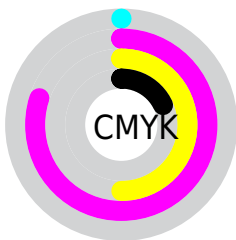
Distribution



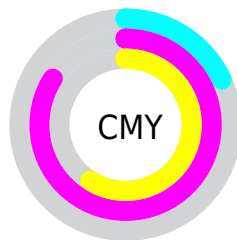
- Red (82%)
- Green (16%)
- Blue (41%)



- Red (82%)
- Yellow (16%)
- Blue (41%)



- Cyan (0%)
- Magenta (80%)
- Yellow (50%)
- Black (18%)



- Cyan (18%)
- Magenta (84%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 41, 105 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 208, 41, 105 by changing the saturation by 10% instead.



208, 41, 105



208, 41, 105

255, 255, 255



177, 0, 81



255, 104, 156



147, 0, 58



255, 133, 183



117, 0, 37



255, 162, 210



88, 0, 16



255, 191, 238



60, 0, 3



255, 221, 255



22, 0, 0



255, 251, 255



0, 0, 0



208, 41, 105



208, 41, 105



208, 20, 92



208, 62, 118

■ 208, 0, 80

■ 208, 83, 131

■ 208, 103, 143

■ 208, 124, 156

■ 208, 145, 169

■ 208, 166, 182

■ 208, 187, 195

■ 208, 207, 208

■ 208, 228, 220

Harmonies

Analogous

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



184, 60, 160



208, 41, 105



201, 61, 51

Triad

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



208, 41, 105



68, 126, 0



0, 130, 213

Complementary

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



208, 41, 105



41, 208, 144

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, 135, 174



208, 41, 105



0, 133, 60

Square

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



208, 41, 105



127, 112, 0



0, 136, 119



0, 116, 224

Rectangle

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



208, 41, 105



184, 81, 9



0, 136, 119



0, 132, 203

Sweetspot

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



208, 41, 105



255, 194, 217



144, 41, 208



128, 91, 105



0, 0, 0



128, 128, 128

Same Dimension

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



208, 41, 105



255, 10, 104



208, 60, 41



105, 94, 98



168, 0, 64



41, 0, 16

Inverse Universe

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



208, 41, 105



255, 10, 104



41, 189, 208



105, 94, 98



168, 0, 64



41, 0, 16

Previews

White Background



This preview shows how the RGB color 208, 41, 105 looks on a white background.

Color Contrast Check

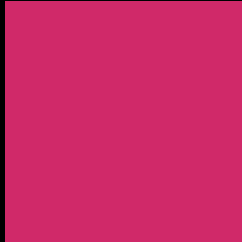
Large Text (above 18pt) WCAG AA ✓ Pass

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 208, 41, 105 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 208, 41, 105 Background



This preview shows how black text looks on a background with the RGB color 208, 41, 105.



This preview shows how white text looks on a background with the RGB color 208, 41, 105.

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
208, 41, 105

Protanopia
104, 111, 143

Deuteranopia
129, 108, 97



Tritanopia
206, 55, 57

Trichromacy



Original Color

208, 41, 105



Protanomaly

142, 86, 129



Deuteranomaly

158, 84, 100



Tritanomaly

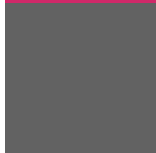
207, 50, 74

Monochromacy



Original Color

208, 41, 105



Achromatopsia

98, 98, 98



Achromatomaly

138, 77, 101

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 41, 105 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(208, 41, 105) looks like.

```
.text, #text, p{  
    color:rgb(208, 41, 105)  
}
```

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(208, 41, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 41, 105) }
```

Border

The CSS property to change the border of an element to RGB 208, 41, 105 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(208, 41, 105) }
```

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

```
.border{ border-color:rgb(208, 41, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 41, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 41, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 41, 105);  
box-shadow:4px 4px 4px 4px rgb(208, 41,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 208, 41, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 41, 105) }
```

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

```
.background{ background-color: rgb(208, 41,  
105) }
```

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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