

Converting Colors

`RYB(218, 37, 125)`

Have a look what the booklet for
RYB(218, 37, 125) contains.

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Color

R_YB(218, 37, 125)

Conversions

Conversions Part 1

Format	Color
Hex	DA257D
RGB	218, 37, 125
RGB Percent	85%, 15%, 49%
CMY	0.1451, 0.8549, 0.5098
CMYK	0.00, 0.83, 0.43, 0.15
HSL	331°, 71%, 50%
HSV	331°, 83%, 85%
XYZ	33.2767, 17.7092, 21.0664
YIQ	101.1510, 79.6280, 65.7400

Conversions

Conversions Part 2

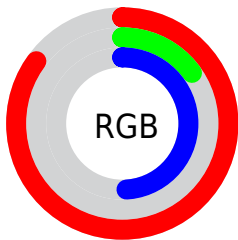
Format	Color
R_{YB}	218, 37, 125
Decimal	14296445
CIE _{Lab}	49.14, 71.62, -3.36
CIE _{LCh}	49, 71.698, 357.312
Yxy	17.7092, 0.4618, 0.2458
Android (android.graphics.Color)	4292486525 (0xFFDA257D)
YUV	101.1510, 11.7576, 102.4766
Hunter-Lab	42.0823, 67.5051, -0.2229

Details

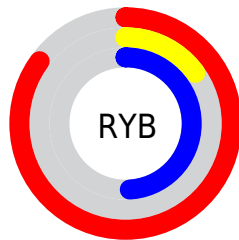
The RYB color **218, 37, 125** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **37, 157, 218**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **255, 104, 177**, and **157, 0, 76** is the 20% darker color. If you saturate the color by 10%, you get **218, 15, 114**, and if you desaturate by 10%, it is **218, 59, 136**.

Distribution



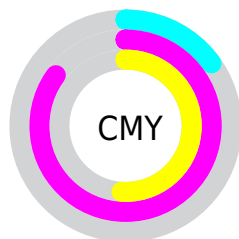
- Red (85%)
- Green (15%)
- Blue (49%)



- Red (85%)
- Yellow (15%)
- Blue (49%)



- Cyan (0%)
- Magenta (83%)
- Yellow (43%)
- Black (15%)



- Cyan (15%)
- Magenta (85%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 37, 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 RYB color 218, 37, 125 by changing the saturation by 10% instead.



218, 37, 125



218, 37, 125

255, 255, 255



187, 0, 100



255, 104, 177



157, 0, 76



255, 134, 205



127, 0, 54



255, 163, 233



98, 0, 33



255, 193, 255



71, 0, 8



255, 222, 255



38, 0, 1



255, 253, 255



0, 0, 0



218, 37, 125



218, 37, 125



218, 15, 114



218, 59, 136

■ 218, 0, 106

■ 218, 81, 147

■ 218, 102, 159

■ 218, 124, 170

■ 218, 146, 181

■ 218, 168, 192

■ 218, 190, 203

■ 218, 211, 215

■ 218, 228, 233

Harmonies

Analogous

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



183, 69, 183



218, 37, 125



218, 52, 65

Triad

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



218, 37, 125



0, 129, 42



0, 85, 219

Complementary

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



218, 37, 125



37, 157, 218

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, 78, 171



218, 37, 125



0, 104, 138

Square

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



218, 37, 125



44, 146, 0



0, 80, 142



0, 83, 240

Rectangle

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



218, 37, 125



203, 95, 25



0, 80, 142



0, 84, 206

Sweetspot

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



218, 37, 125



255, 191, 222



127, 37, 218



128, 89, 108



0, 0, 0



128, 128, 128

Same Dimension

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



218, 37, 125



255, 0, 124



218, 37, 37



110, 99, 104



173, 0, 84



46, 0, 22

Inverse Universe

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



218, 37, 125



255, 0, 124



37, 128, 218



110, 99, 104



173, 0, 84



46, 0, 22

Previews

White Background



This preview shows how the RYB color 218, 37, 125 looks on a white background.

Color Contrast Check

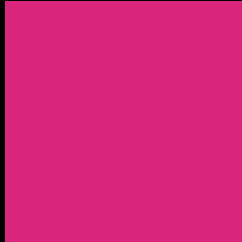
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 218, 37, 125 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](#).

R Y B 218, 37, 125 Background



This preview shows how black text looks on a background with the R Y B color 218, 37, 125.

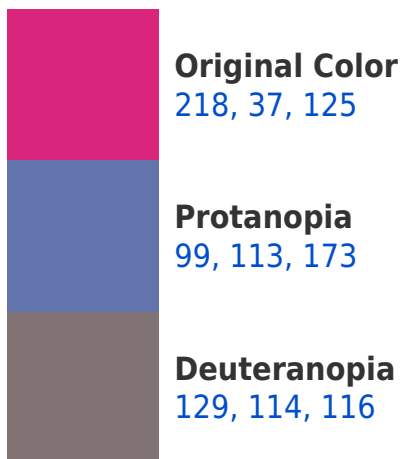


This preview shows how white text looks on a background with the R Y B color 218, 37, 125.

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](#).

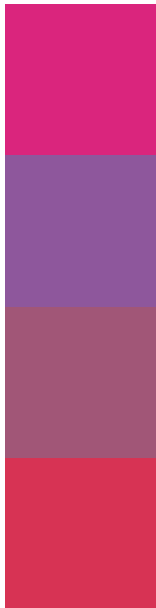
Dichromacy





Tritanopia
214, 59, 61

Trichromacy



Original Color

218, 37, 125

Protanomaly

142, 87, 156

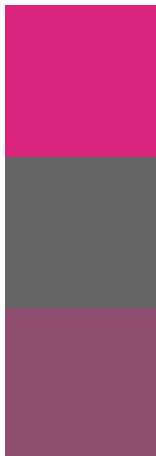
Deuteranomaly

161, 86, 119

Tritanomaly

215, 51, 84

Monochromacy



Original Color

218, 37, 125

Achromatopsia

101, 101, 101

Achromatomaly

144, 78, 110

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 37, 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(218, 37, 125)` looks like.

```
.text, #text, p{  
    color:rgb(218, 37, 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(218, 37, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 37, 125) }
```

Border

The CSS property to change the border of an element to RYB 218, 37, 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(218, 37, 125) }
```

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

```
.border{ border-color:rgb(218, 37, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 37, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 37, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 37, 125);  
box-shadow:4px 4px 4px 4px rgb(218, 37,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 218, 37, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 37, 125) }
```

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

```
.background{ background-color: rgb(218, 37,  
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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