

Converting Colors

`RYB(252, 25, 180)`

Have a look what the booklet for
RYB(252, 25, 180) contains.

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Color

R_YB(252, 25, 180)

Conversions

Conversions Part 1

Format	Color
Hex	FC19B4
RGB	252, 25, 180
RGB Percent	99%, 10%, 71%
CMY	0.0118, 0.9020, 0.2941
CMYK	0.00, 0.90, 0.29, 0.01
HSL	319°, 97%, 54%
HSV	319°, 90%, 99%
XYZ	48.7307, 24.6860, 45.3765
YIQ	110.5430, 85.5370, 96.3290

Conversions

Conversions Part 2

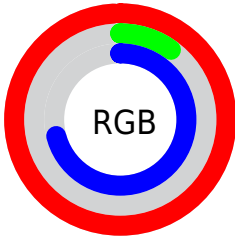
Format	Color
RYB	252, 25, 180
Decimal	16521652
CIELab	56.77, 86.53, -23.93
CIElCh	57, 89.774, 344.542
Yxy	24.6860, 0.4102, 0.2078
Android (android.graphics.Color)	4294711732 (0xFFFC19B4)
YUV	110.5430, 34.2423, 124.0578
Hunter-Lab	49.6850, 88.1229, -19.3691

Details

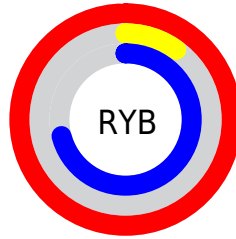
The RYB color **252, 25, 180** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **25, 197, 252**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **255, 107, 236**, and **190, 0, 127** is the 20% darker color. If you saturate the color by 10%, you get **252, 0, 172**, and if you desaturate by 10%, it is **252, 50, 188**.

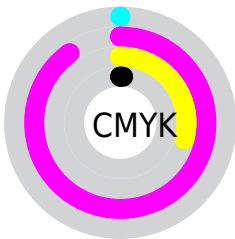
Distribution



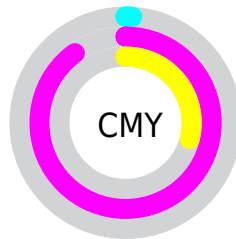
- Red (99%)
- Green (10%)
- Blue (71%)



- Red (99%)
- Yellow (10%)
- Blue (71%)



- Cyan (0%)
- Magenta (90%)
- Yellow (29%)
- Black (1%)



- Cyan (1%)
- Magenta (90%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 25, 180 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 252, 25, 180 by changing the saturation by 10% instead.



252, 25, 180



252, 25, 180

255, 255, 255



221, 0, 153



255, 107, 236



190, 0, 127



255, 139, 255



160, 0, 102



255, 169, 255



129, 0, 78



255, 200, 255



100, 0, 54



255, 231, 255



71, 0, 33



42, 0, 4



0, 0, 0



252, 25, 180



252, 25, 180

■ 252, 0, 172

■ 252, 50, 188

■ 252, 75, 196

■ 252, 101, 204

■ 252, 126, 212

■ 252, 151, 220

■ 252, 176, 228

■ 252, 201, 236

■ 252, 227, 244

■ 252, 252, 252

Harmonies

Analogous

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



183, 92, 249



252, 25, 180



255, 0, 102

Triad

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



252, 25, 180



0, 145, 15



0, 99, 246

Complementary

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



252, 25, 180



25, 197, 252

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, 86, 174



252, 25, 180



0, 159, 159

Square

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



252, 25, 180



134, 198, 0



0, 107, 166



0, 97, 255

Rectangle

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



252, 25, 180



255, 54, 52



0, 107, 166



0, 96, 224

Sweetspot

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



252, 25, 180



255, 186, 233



97, 25, 252



128, 87, 115



0, 0, 0



128, 128, 128

Same Dimension

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



252, 25, 180



255, 0, 174



252, 25, 67



125, 112, 121



189, 0, 129



61, 0, 42

Inverse Universe

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



252, 25, 180



255, 0, 174



25, 150, 252



125, 112, 121



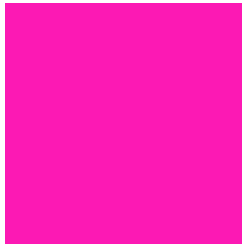
189, 0, 129



61, 0, 42

Previews

White Background



This preview shows how the RYB color 252, 25, 180 looks on a white background.

Color Contrast Check

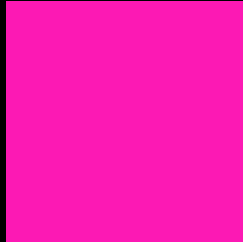
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 252, 25, 180 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](#).

RYB 252, 25, 180 Background



This preview shows how black text looks on a background with the RYB color 252, 25, 180.

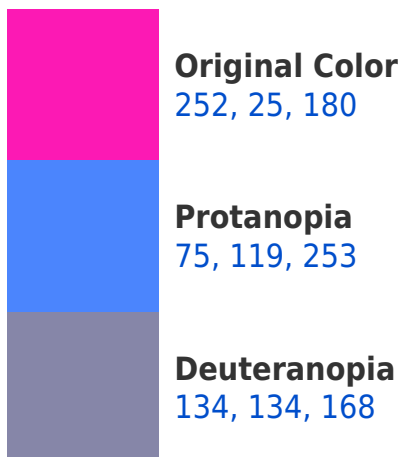


This preview shows how white text looks on a background with the RYB color 252, 25, 180.

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
245, 74, 77

Trichromacy



Original Color

252, 25, 180



Protanomaly

139, 94, 226



Deuteranomaly

177, 94, 172



Tritanomaly

248, 56, 114

Monochromacy



Original Color

252, 25, 180



Achromatopsia

111, 111, 111



Achromatomaly

162, 80, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 25, 180 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(252, 25, 180)` looks like.

```
.text, #text, p{  
    color:rgb(252, 25, 180)  
}
```

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(252, 25, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 25, 180) }
```

Border

The CSS property to change the border of an element to RYB 252, 25, 180 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(252, 25, 180) }
```

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

```
.border{ border-color:rgb(252, 25, 180) }
```

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

Here you see how a box with a 4 pixel rgb(252, 25, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 25, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 25, 180);  
box-shadow:4px 4px 4px 4px rgb(252, 25,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 252, 25, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 25, 180) }
```

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

```
.background{ background-color: rgb(252, 25,  
180) }
```

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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