

Converting Colors

`RYB(252, 165, 228)`

Have a look what the booklet for RYB(252, 165, 228) contains.

RYB(252, 165, 228)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(252, 165, 228)

Conversions

Conversions Part 1

Format	Color
Hex	FCA5E4
RGB	252, 165, 228
RGB Percent	99%, 65%, 89%
CMY	0.0118, 0.3529, 0.1059
CMYK	0.00, 0.35, 0.10, 0.01
HSL	317°, 94%, 82%
HSV	317°, 35%, 99%
XYZ	67.6036, 53.2072, 80.1057
YIQ	198.1950, 31.6290, 38.0370

Conversions

Conversions Part 2

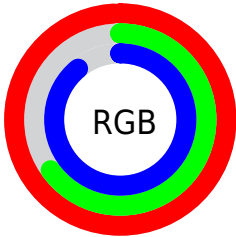
Format	Color
R _{YB}	252, 165, 228
Decimal	16557540
CIE Lab	78.00, 41.16, -18.49
CIE LCh	78, 45.121, 335.814
Yxy	53.2072, 0.3365, 0.2648
Android (android.graphics.Color)	4294747620 (0xFFFC A5E4)
YUV	198.1950, 14.6939, 47.1870
Hunter-Lab	72.9432, 37.7827, -14.0516

Details

The RYB color **252, 165, 228** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **165, 233, 252**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **255, 221, 255**, and **194, 111, 172** is the 20% darker color. If you saturate the color by 10%, you get **252, 140, 221**, and if you desaturate by 10%, it is **252, 190, 235**.

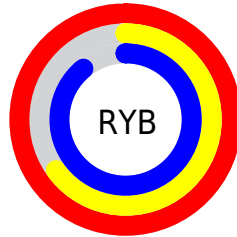
Distribution



Red (99%)

Green (65%)

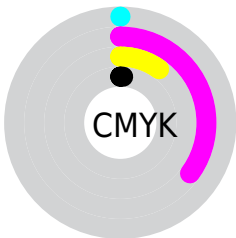
Blue (89%)



Red (99%)

Yellow (65%)

Blue (89%)

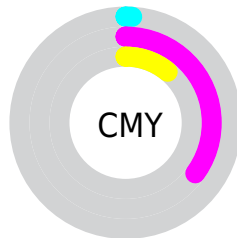


Cyan (0%)

Magenta (35%)

Yellow (10%)

Black (1%)



Cyan (1%)


Magenta (35%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 165, 228 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, 165, 228 by changing the saturation by 10% instead.

 252, 165, 228

255, 255, 255

 255, 221, 255

 255, 250, 255

 252, 165, 228

 223, 138, 200

 194, 111, 172

 166, 86, 146

 139, 60, 120

 112, 35, 95

 86, 4, 71

 61, 0, 49

 39, 0, 28

 0, 0, 0

■ 252, 165, 228

■ 252, 165, 228

■ 252, 140, 221

■ 252, 190, 235

■ 252, 115, 214

■ 252, 215, 242

■ 252, 89, 207

■ 252, 241, 249

■ 252, 64, 200

■ 252, 254, 255

■ 252, 39, 193

■ 252, 14, 186

■ 252, 0, 182

Harmonies

Analogous

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



208, 179, 255



252, 165, 228



255, 159, 186

Triad

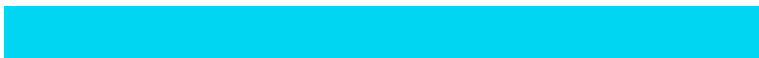
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



252, 165, 228



131, 212, 108



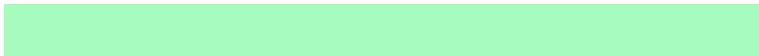
0, 113, 241

Complementary

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



252, 165, 228



165, 233, 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.



39, 131, 215



252, 165, 228



123, 205, 161

Square

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



252, 165, 228



248, 231, 117



114, 182, 212



54, 141, 255

Rectangle

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



252, 165, 228



255, 162, 159



114, 182, 212



0, 110, 228

Sweetspot

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



252, 165, 228



255, 230, 248



188, 165, 252



128, 112, 123



0, 0, 0



128, 128, 128

Same Dimension

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



252, 165, 228



255, 150, 226



252, 165, 185



125, 112, 122



189, 0, 137



61, 0, 44

Inverse Universe

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



252, 165, 228



255, 150, 226



165, 214, 252



125, 112, 122



189, 0, 137



61, 0, 44

Previews

White Background



This preview shows how the RYB color 252, 165, 228 looks on a white background.

Color Contrast Check

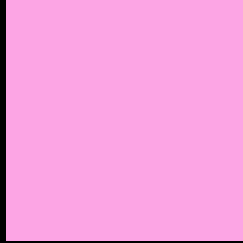
Large Text (above 18pt) WCAG AA × Fail

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, 165, 228 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 252, 165, 228 Background



This preview shows how black text looks on a background with the RGB color 252, 165, 228.



This preview shows how white text looks on a background with the RGB color 252, 165, 228.

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
252, 165, 228

Protanopia
179, 189, 246

Deuteranopia
197, 188, 224



Tritanopia
247, 173, 186

Trichromacy



Original Color

252, 165, 228



Protanomaly

206, 182, 239



Deuteranomaly

217, 180, 225



Tritanomaly

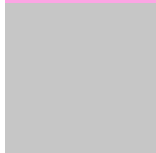
249, 170, 201

Monochromacy



Original Color

252, 165, 228



Achromatopsia

198, 198, 198



Achromatomaly

218, 186, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 165, 228 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, 165, 228) looks like.

```
.text, #text, p{  
    color:rgb(252, 165, 228)  
}
```

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, 165, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 165, 228) }
```

Border

The CSS property to change the border of an element to RYB 252, 165, 228 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, 165, 228) }
```

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

```
.border{ border-color:rgb(252, 165, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 165, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 165, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 165, 228);  
box-shadow:4px 4px 4px 4px rgb(252, 165,  
228) }
```

Background

The CSS property to change the background color of an element to RYB 252, 165, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 165, 228) }
```

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

```
.background{ background-color: rgb(252,  
165, 228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor