

Converting Colors

`RYB(214, 132, 164)`

Have a look what the booklet for
RYB(214, 132, 164) contains.

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Color

R_YB(214, 132, 164)

Conversions

Conversions Part 1

Format	Color
Hex	D684A4
RGB	214, 132, 164
RGB Percent	84%, 52%, 64%
CMY	0.1608, 0.4824, 0.3569
CMYK	0.00, 0.38, 0.23, 0.16
HSL	337°, 50%, 68%
HSV	337°, 38%, 84%
XYZ	42.6837, 33.4790, 39.3344
YIQ	160.1660, 38.6000, 27.3360

Conversions

Conversions Part 2

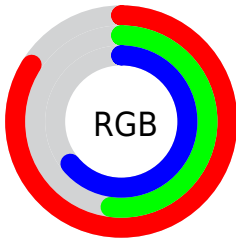
Format	Color
R _Y B	214, 132, 164
Decimal	14058660
CIE Lab	64.55, 35.71, -3.57
CIE LCh	65, 35.886, 354.296
Yxy	33.4790, 0.3696, 0.2899
Android (android.graphics.Color)	4292248740 (0xFFD684A4)
YUV	160.1660, 1.8902, 47.2124
Hunter-Lab	57.8610, 30.4213, 0.1969

Details

The RYB color **214, 132, 164** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **132, 183, 214**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 186, 219**, and **157, 81, 112** is the 20% darker color. If you saturate the color by 10%, you get **214, 111, 151**, and if you desaturate by 10%, it is **214, 153, 177**.

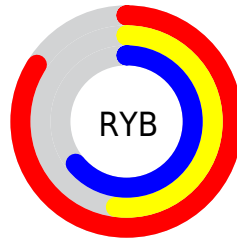
Distribution



Red (84%)

Green (52%)

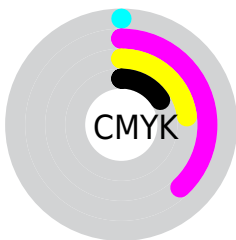
Blue (64%)



Red (84%)

Yellow (52%)

Blue (64%)

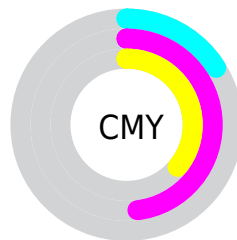


Cyan (0%)

Magenta (38%)

Yellow (23%)

Black (16%)



Cyan (16%)


Magenta (48%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 132, 164 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 214, 132, 164 by changing the saturation by 10% instead.


 214, 132, 164

255, 255, 255

 255, 186, 219

 255, 214, 247

 255, 243, 255

 214, 132, 164

 185, 106, 138

 157, 81, 112

 130, 56, 88

 104, 31, 65

 78, 2, 43

 53, 0, 22

 25, 0, 1

 0, 0, 0

 214, 132, 164

 214, 132, 164

■ 214, 111, 151

■ 214, 153, 177

■ 214, 89, 138

■ 214, 175, 190

■ 214, 68, 125

■ 214, 196, 203

■ 214, 46, 112

■ 214, 217, 218

■ 214, 25, 99

■ 214, 230, 239

■ 214, 4, 86

■ 214, 238, 255

■ 214, 0, 84

■ 214, 235, 255

Harmonies

Analogous

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



191, 139, 194



214, 132, 164



219, 133, 132

Triad

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



214, 132, 164



97, 163, 109



38, 112, 208

Complementary

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



214, 132, 164



132, 183, 214

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.



17, 97, 182



214, 132, 164



114, 166, 170

Square

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



214, 132, 164



137, 183, 92



70, 128, 173



99, 140, 220

Rectangle

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



214, 132, 164



213, 146, 113



70, 128, 173



16, 100, 200

Sweetspot

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



214, 132, 164



255, 227, 238



181, 132, 214



128, 111, 117



0, 0, 0



128, 128, 128

Same Dimension

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



214, 132, 164



255, 138, 183



214, 141, 132



107, 96, 101



171, 0, 67



43, 0, 17

Inverse Universe

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



214, 132, 164



255, 138, 183



132, 171, 214



107, 96, 101



171, 0, 67



43, 0, 17

Previews

White Background



This preview shows how the RYB color 214, 132, 164 looks on a white background.

Color Contrast Check

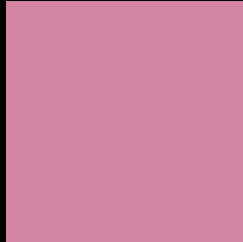
Large Text (above 18pt) WCAG AA × Fail

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 214, 132, 164 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](#).

RYB 214, 132, 164 Background



This preview shows how black text looks on a background with the RYB color 214, 132, 164.

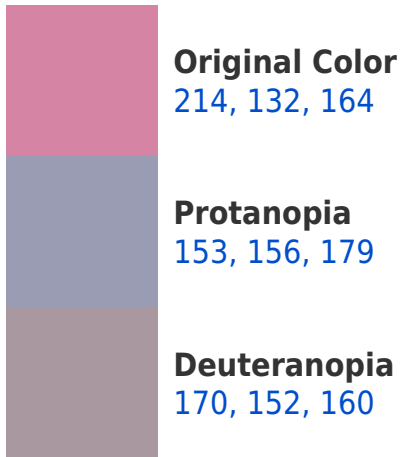


This preview shows how white text looks on a background with the RYB color 214, 132, 164.

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

212, 135, 145

Trichromacy



Original Color

214, 132, 164

Protanomaly

175, 147, 174

Deuteranomaly

186, 145, 161

Tritanomaly

213, 134, 152

Monochromacy



Original Color

214, 132, 164

Achromatopsia

160, 160, 160

Achromatomaly

180, 150, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 132, 164 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(214, 132, 164) looks like.

```
.text, #text, p{  
    color:rgb(214, 132, 164)  
}
```

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(214, 132, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 132, 164) }
```

Border

The CSS property to change the border of an element to RYB 214, 132, 164 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(214, 132, 164) }
```

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

```
.border{ border-color:rgb(214, 132, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 132, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 132, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 132, 164);  
box-shadow:4px 4px 4px 4px rgb(214, 132,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 214, 132, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 132, 164) }
```

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

```
.background{ background-color: rgb(214,  
132, 164) }
```

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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