

Converting Colors

`RYB(214, 115, 142)`

Have a look what the booklet for RYB(214, 115, 142) contains.

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Color

$\text{RYB}(214, 115, 142)$

Conversions

Conversions Part 1

Format	Color
Hex	D6738E
RGB	214, 115, 142
RGB Percent	84%, 45%, 56%
CMY	0.1608, 0.5490, 0.4431
CMYK	0.00, 0.46, 0.34, 0.16
HSL	344°, 55%, 65%
HSV	344°, 46%, 84%
XYZ	38.7448, 28.5106, 29.0522
YIQ	147.6790, 50.3370, 29.3850

Conversions

Conversions Part 2

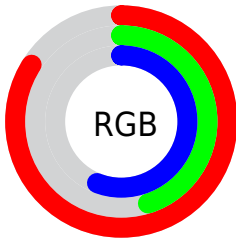
Format	Color
RYB	214, 115, 142
Decimal	14054286
CIELab	60.35, 41.65, 2.88
CIELCh	60, 41.749, 3.951
Yxy	28.5106, 0.4023, 0.2960
Android (android.graphics.Color)	4292244366 (0xFFD6738E)
YUV	147.6790, -2.7997, 58.1635
Hunter-Lab	53.3953, 36.0816, 5.1172

Details

The RYB color **214, 115, 142** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **115, 172, 214**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **255, 169, 196**, and **156, 63, 92** is the 20% darker color. If you saturate the color by 10%, you get **214, 94, 126**, and if you desaturate by 10%, it is **214, 136, 158**.

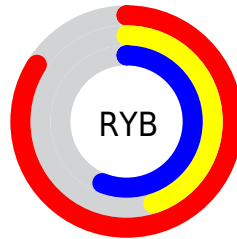
Distribution



Red (84%)

Green (45%)

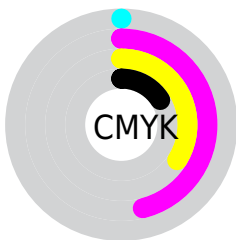
Blue (56%)



Red (84%)

Yellow (45%)

Blue (56%)

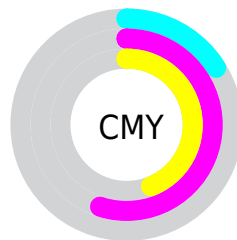


Cyan (0%)

Magenta (46%)

Yellow (34%)

Black (16%)



Cyan (16%)


Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 115, 142 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, 115, 142 by changing the saturation by 10% instead.


 214, 115, 142

255, 255, 255

 255, 169, 196

 255, 197, 223

 255, 225, 252

 214, 115, 142

 185, 89, 116

 156, 63, 92

 128, 37, 69

 101, 5, 46


 74, 0, 26

 52, 0, 2

 0, 0, 0

 214, 115, 142

 214, 94, 126

 214, 115, 142

 214, 136, 158

■ 214, 72, 111

■ 214, 158, 173

■ 214, 51, 95

■ 214, 179, 189

■ 214, 29, 80

■ 214, 201, 204

■ 214, 8, 64

■ 214, 219, 222

■ 214, 0, 58

■ 214, 231, 243

■ 214, 236, 255

■ 214, 235, 255

Harmonies

Analogous

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



195, 121, 178



214, 115, 142



212, 122, 106

Triad

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



214, 115, 142



82, 155, 112



0, 90, 211

Complementary

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



214, 115, 142



115, 172, 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.



0, 87, 185



214, 115, 142



77, 137, 162

Square

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



214, 115, 142



92, 163, 70



0, 86, 164



93, 131, 219

Rectangle

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



214, 115, 142



202, 151, 87



0, 86, 164



0, 90, 204

Sweetspot

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



214, 115, 142



255, 219, 229



186, 115, 214



128, 106, 112



0, 0, 0



128, 128, 128

Same Dimension

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



214, 115, 142



255, 112, 151



214, 142, 115



107, 96, 99



171, 0, 47



43, 0, 12

Inverse Universe

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



214, 115, 142



255, 112, 151



115, 159, 214



107, 96, 99



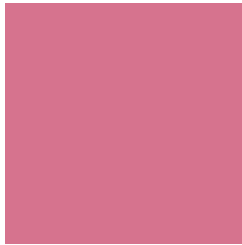
171, 0, 47



43, 0, 12

Previews

White Background



This preview shows how the RYB color 214, 115, 142 looks on a white background.

Color Contrast Check

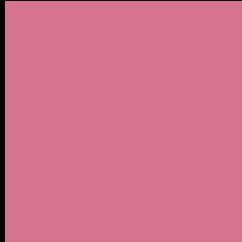
Large Text (above 18pt) WCAG AA ✓ Pass

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 214, 115, 142 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 214, 115, 142 Background



This preview shows how black text looks on a background with the RYB color 214, 115, 142.

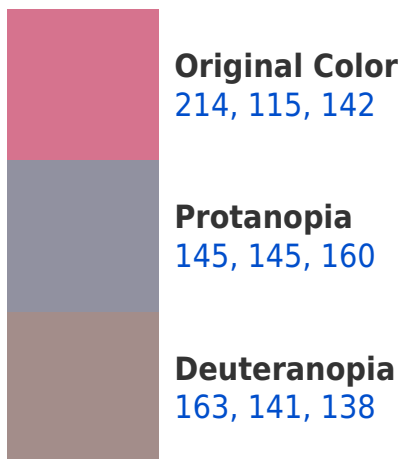



This preview shows how white text looks on a background with the RYB color 214, 115, 142.

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](#).

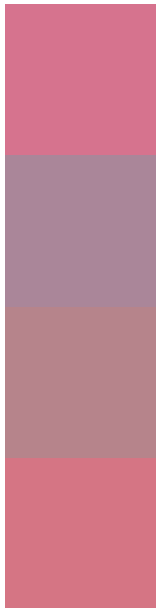
Dichromacy





Tritanopia
213, 118, 126

Trichromacy



Original Color
214, 115, 142

Protanomaly
170, 134, 153

Deuteranomaly
182, 132, 139

Tritanomaly
213, 117, 132

Monochromacy



Original Color
214, 115, 142

Achromatopsia
148, 148, 148

Achromatomaly
172, 136, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 115, 142 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, 115, 142) looks like.

```
.text, #text, p{  
    color:rgb(214, 115, 142)  
}
```

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, 115, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 115, 142) }
```

Border

The CSS property to change the border of an element to RYB 214, 115, 142 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, 115, 142) }
```

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

```
.border{ border-color:rgb(214, 115, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 115, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 115, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 115, 142);  
box-shadow:4px 4px 4px 4px rgb(214, 115,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 214, 115, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 115, 142) }
```

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

```
.background{ background-color: rgb(214,  
115, 142) }
```

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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