

Converting Colors

`RYB(215, 21, 122)`

Have a look what the booklet for
RYB(215, 21, 122) contains.

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Color

R_YB(215, 21, 122)

Conversions

Conversions Part 1

Format	Color
Hex	D7157A
RGB	215, 21, 122
RGB Percent	84%, 8%, 48%
CMY	0.1569, 0.9176, 0.5216
CMYK	0.00, 0.90, 0.43, 0.16
HSL	329°, 82%, 46%
HSV	329°, 90%, 84%
XYZ	31.8053, 16.3885, 19.8993
YIQ	90.5200, 83.2030, 72.5390

Conversions

Conversions Part 2

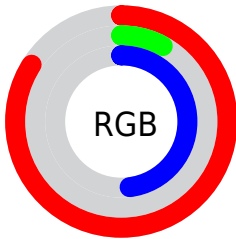
Format	Color
R_{YB}	215, 21, 122
Decimal	14095738
CIE Lab	47.48, 73.51, -4.05
CIE LCh	47, 73.619, 356.847
Yxy	16.3885, 0.4671, 0.2407
Android (android.graphics.Color)	4292285818 (0xFFD7157A)
YUV	90.5200, 15.5196, 109.1690
Hunter-Lab	40.4828, 69.3940, -0.8061

Details

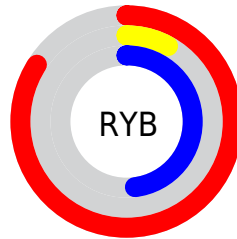
The RYB color **215, 21, 122** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **21, 152, 215**, and the grayscale version is **90, 90, 90**.

A 20% lighter version of the original color is **255, 96, 174**, and **154, 0, 74** is the 20% darker color. If you saturate the color by 10%, you get **215, 0, 112**, and if you desaturate by 10%, it is **215, 43, 132**.

Distribution



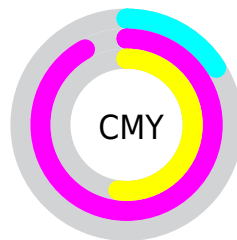
- Red (84%)
- Green (8%)
- Blue (48%)



- Red (84%)
- Yellow (8%)
- Blue (48%)



- Cyan (0%)
- Magenta (90%)
- Yellow (43%)
- Black (16%)



- Cyan (16%)
- Magenta (92%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 21, 122 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 215, 21, 122 by changing the saturation by 10% instead.



215, 21, 122



215, 21, 122

255, 255, 255



184, 0, 97



255, 96, 174



154, 0, 74



255, 126, 202



124, 0, 51



255, 156, 230



94, 0, 30



255, 186, 255



67, 0, 3



255, 215, 255



33, 0, 1



255, 246, 255



0, 0, 0



215, 21, 122



215, 21, 122




215, 0, 112




215, 43, 132


 215, 64, 143


 215, 86, 153

 215, 107, 163

 215, 129, 174

 215, 150, 184

 215, 172, 194

 215, 193, 204

 215, 215, 215

Harmonies

Analogous

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



179, 62, 182



215, 21, 122



215, 41, 61

Triad

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



215, 21, 122



0, 125, 43



0, 83, 217

Complementary

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



215, 21, 122



21, 152, 215

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, 76, 167



215, 21, 122



0, 105, 134

Square

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



215, 21, 122



46, 143, 0



0, 79, 138



0, 81, 238

Rectangle

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



215, 21, 122



199, 87, 18



0, 79, 138



0, 82, 203

Sweetspot

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



215, 21, 122



255, 186, 222



112, 21, 215



128, 87, 108



0, 0, 0



128, 128, 128

Same Dimension

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



215, 21, 122



255, 0, 133



215, 21, 27



107, 96, 102



171, 0, 89



43, 0, 23

Inverse Universe

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



215, 21, 122



255, 0, 133



21, 120, 215



107, 96, 102



171, 0, 89



43, 0, 23

Previews

White Background



This preview shows how the RYB color 215, 21, 122 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 215, 21, 122 looks on a black 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

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

R Y B 215, 21, 122 Background



This preview shows how black text looks on a background with the RYB color 215, 21, 122.

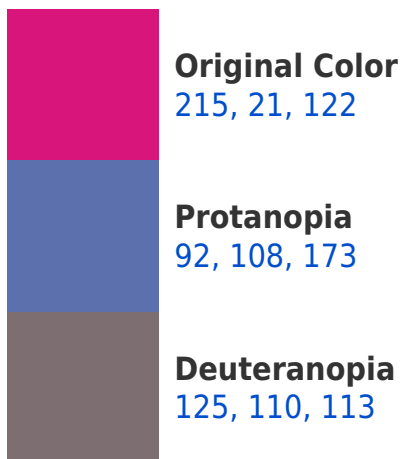


This preview shows how white text looks on a background with the RYB color 215, 21, 122.

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
211, 51, 53

Trichromacy



Original Color

215, 21, 122



Protanomaly

137, 79, 154



Deuteranomaly

158, 78, 116



Tritanomaly

212, 40, 78

Monochromacy



Original Color

215, 21, 122



Achromatopsia

91, 91, 91



Achromatomaly

136, 66, 102

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 21, 122 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(215, 21, 122)` looks like.

```
.text, #text, p{  
    color:rgb(215, 21, 122)  
}
```

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(215, 21, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 21, 122) }
```

Border

The CSS property to change the border of an element to RYB 215, 21, 122 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(215, 21, 122) }
```

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

```
.border{ border-color:rgb(215, 21, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 21, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 21, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 21, 122);  
box-shadow:4px 4px 4px 4px rgb(215, 21,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 215, 21, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 21, 122) }
```

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

```
.background{ background-color: rgb(215, 21,  
122) }
```

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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