

Converting Colors

`RYB(225, 21, 116)`

Have a look what the booklet for
RYB(225, 21, 116) contains.

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Color

R_{YB}(225, 21, 116)

Conversions

Conversions Part 1

Format	Color
Hex	E11574
RGB	225, 21, 116
RGB Percent	88%, 8%, 45%
CMY	0.1176, 0.9176, 0.5451
CMYK	0.00, 0.91, 0.48, 0.12
HSL	332°, 83%, 48%
HSV	332°, 91%, 88%
XYZ	34.4719, 17.8048, 18.1428
YIQ	92.8260, 91.0890, 72.7930

Conversions

Conversions Part 2

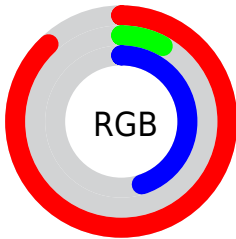
Format	Color
R_{YB}	225, 21, 116
Decimal	14751092
CIE _{Lab}	49.26, 75.28, 2.46
CIE _{LCh}	49, 75.324, 1.871
Yxy	17.8048, 0.4895, 0.2528
Android (android.graphics.Color)	4292941172 (0xFFE11574)
YUV	92.8260, 11.4248, 115.9166
Hunter-Lab	42.1958, 71.9832, 4.0443

Details

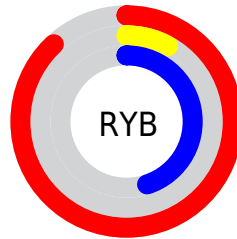
The RYB color **225, 21, 116** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **21, 154, 225**, and the grayscale version is **93, 93, 93**.

A 20% lighter version of the original color is **255, 98, 168**, and **163, 0, 68** is the 20% darker color. If you saturate the color by 10%, you get **225, 0, 105**, and if you desaturate by 10%, it is **225, 44, 128**.

Distribution



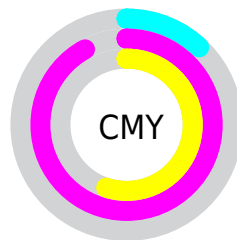
- Red (88%)
- Green (8%)
- Blue (45%)



- Red (88%)
- Yellow (8%)
- Blue (45%)



- Cyan (0%)
- Magenta (91%)
- Yellow (48%)
- Black (12%)





- Cyan (12%)
- Magenta (92%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 21, 116 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 225, 21, 116 by changing the saturation by 10% instead.

 225, 21, 116

 225, 21, 116

255, 255, 255

 194, 0, 92

 255, 98, 168

 163, 0, 68

 255, 128, 195

 132, 0, 46

 255, 158, 223

 102, 0, 26

 255, 188, 251

 74, 0, 4

 255, 218, 255

 42, 0, 1

 255, 248, 255

 0, 0, 0

 225, 21, 116


 225, 21, 116


 225, 0, 105


 225, 44, 128

 225, 66, 140

 225, 89, 152

 225, 111, 164

 225, 134, 176

 225, 156, 188

 225, 179, 200

 225, 201, 212

 225, 224, 224

Harmonies

Analogous

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



194, 58, 179



225, 21, 116



220, 51, 54

Triad

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



225, 21, 116



0, 132, 60



0, 87, 230

Complementary

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



225, 21, 116



21, 154, 225

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, 81, 183



225, 21, 116



0, 103, 140

Square

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



225, 21, 116



28, 139, 0



0, 79, 144



0, 83, 247

Rectangle

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



225, 21, 116



201, 126, 1



0, 79, 144



0, 86, 218

Sweetspot

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



225, 21, 116



255, 186, 218



130, 21, 225



128, 87, 106



0, 0, 0



128, 128, 128

Same Dimension

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



225, 21, 116



255, 0, 119



225, 28, 21



112, 101, 106



176, 0, 82



48, 0, 23

Inverse Universe

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



225, 21, 116



255, 0, 119



21, 121, 225



112, 101, 106



176, 0, 82



48, 0, 23

Previews

White Background



This preview shows how the RYB color 225, 21, 116 looks on a white background.

Color Contrast Check

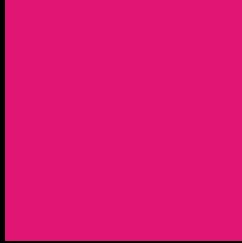
Large Text (above 18pt) WCAG AA ✓ Pass

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 225, 21, 116 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](#).

R Y B 225, 21, 116 Background



This preview shows how black text looks on a background with the RYB color 225, 21, 116.

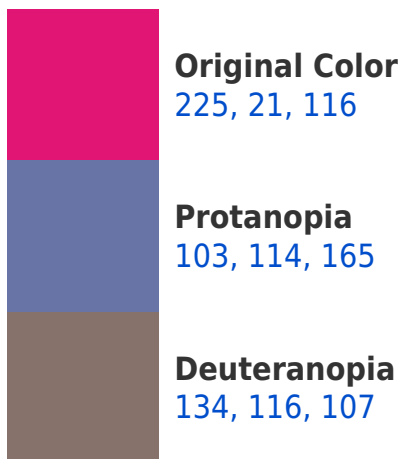


This preview shows how white text looks on a background with the RYB color 225, 21, 116.

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
222, 49, 50

Trichromacy



Original Color

225, 21, 116



Protanomaly

147, 82, 147



Deuteranomaly

167, 80, 110



Tritanomaly

223, 39, 74

Monochromacy



Original Color

225, 21, 116



Achromatopsia

93, 93, 93



Achromatomaly

141, 67, 101

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 21, 116 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(225, 21, 116)` looks like.

```
.text, #text, p{  
    color:rgb(225, 21, 116)  
}
```

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(225, 21, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 21, 116) }
```

Border

The CSS property to change the border of an element to RYB 225, 21, 116 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(225, 21, 116) }
```

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

```
.border{ border-color:rgb(225, 21, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 21, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 21, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 21, 116);  
box-shadow:4px 4px 4px 4px rgb(225, 21,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 225, 21, 116 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 21, 116) }
```

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

```
.background{ background-color: rgb(225, 21,  
116) }
```

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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