

Converting Colors

RGB(225, 20, 127)

Have a look what the booklet for
RGB(225, 20, 127) contains.

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Color

RGB(225, 20, 127)

Conversions

Conversions Part 1

Format	Color
Hex	E1147F
RGB	225, 20, 127
RGB Percent	88%, 8%, 50%
CMY	0.1176, 0.9216, 0.5020
CMYK	0.00, 0.91, 0.44, 0.12
HSL	329°, 84%, 48%
HSV	329°, 91%, 88%
XYZ	35.1323, 18.0402, 21.7091
YIQ	93.4930, 87.8330, 76.7370

Conversions

Conversions Part 2

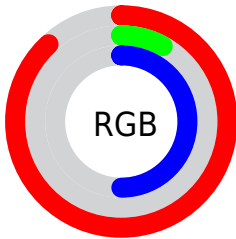
Format	Color
R_{YB}	225, 20, 127
Decimal	14750847
CIE _{Lab}	49.54, 76.31, -3.83
CIE _{LCh}	50, 76.409, 357.126
Yxy	18.0402, 0.4692, 0.2409
Android (android.graphics.Color)	4292940927 (0xFFE1147F)
YUV	93.4930, 16.5190, 115.3316
Hunter-Lab	42.4737, 73.3178, -0.5726

Details

The RGB color **225, 20, 127** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **20, 225, 118**, and the grayscale version is **93, 93, 93**.

A 20% lighter version of the original color is **255, 98, 180**, and **163, 0, 78** is the 20% darker color. If you saturate the color by 10%, you get **225, 0, 117**, and if you desaturate by 10%, it is **225, 43, 138**.

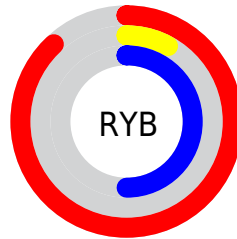
Distribution



Red (88%)

Green (8%)

Blue (50%)



Red (88%)

Yellow (8%)

Blue (50%)

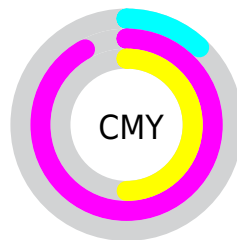


Cyan (0%)

Magenta (91%)

Yellow (44%)

Black (12%)



Cyan (12%)

Magenta (92%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 20, 127 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 RGB color 225, 20, 127 by changing the saturation by 10% instead.



225, 20, 127



225, 20, 127

255, 255, 255



194, 0, 102



255, 98, 180



163, 0, 78



255, 129, 207



133, 0, 56



255, 159, 235



103, 0, 34



255, 188, 255



76, 0, 11



255, 218, 255



44, 0, 1



255, 249, 255



0, 0, 0



225, 20, 127



225, 20, 127



225, 0, 117



225, 43, 138

■ 225, 65, 149

■ 225, 87, 159

■ 225, 110, 170

■ 225, 132, 181

■ 225, 155, 192

■ 225, 178, 202

■ 225, 200, 213

■ 225, 222, 224

Harmonies

Analogous

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



187, 65, 189



225, 20, 127



225, 43, 63

Triad

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



225, 20, 127



85, 131, 0



0, 141, 227

Complementary

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



225, 20, 127



20, 225, 118

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, 145, 176



225, 20, 127



0, 140, 39

Square

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



225, 20, 127



148, 113, 0



0, 145, 109



0, 128, 249

Rectangle

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



225, 20, 127



208, 71, 17



0, 145, 109



0, 143, 213

Sweetspot

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



225, 20, 127



255, 186, 222



116, 20, 225



128, 87, 108



0, 0, 0



128, 128, 128

Same Dimension

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



225, 20, 127



255, 0, 133



225, 20, 27



112, 101, 107



176, 0, 92



48, 0, 25

Inverse Universe

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



225, 20, 127



255, 0, 133



20, 225, 218



112, 101, 107



176, 0, 92



48, 0, 25

Previews

White Background



This preview shows how the RGB color 225, 20, 127 looks on a white background.

Color Contrast Check

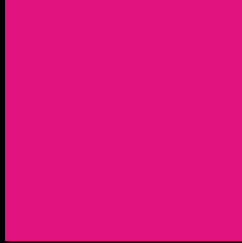
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 225, 20, 127 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](#).

RGB 225, 20, 127 Background



This preview shows how black text looks on a background with the RGB color 225, 20, 127.



This preview shows how white text looks on a background with the RGB color 225, 20, 127.

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

225, 20, 127

Protanopia

96, 117, 181

Deuteranopia

131, 115, 118



Tritanopia
221, 53, 54

Trichromacy



Original Color

225, 20, 127



Protanomaly

143, 82, 161



Deuteranomaly

165, 80, 121



Tritanomaly

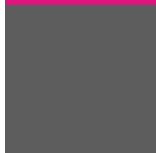
222, 41, 81

Monochromacy



Original Color

225, 20, 127



Achromatopsia

93, 93, 93



Achromatomaly

141, 66, 105

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 20, 127 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, 20, 127)` looks like.

```
.text, #text, p{  
    color:rgb(225, 20, 127)  
}
```

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, 20, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 20, 127) }
```

Border

The CSS property to change the border of an element to RGB 225, 20, 127 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, 20, 127) }
```

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

```
.border{ border-color:rgb(225, 20, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 20, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 20, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 20, 127);  
box-shadow:4px 4px 4px 4px rgb(225, 20,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 225, 20, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 20, 127) }
```

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

```
.background{ background-color: rgb(225, 20,  
127) }
```

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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