

Converting Colors

`RYB(223, 56, 108)`

Have a look what the booklet for
RYB(223, 56, 108) contains.

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Color

`RYB(223, 56, 108)`

Conversions

Conversions Part 1

Format	Color
Hex	DF386C
RGB	223, 56, 108
RGB Percent	87%, 22%, 42%
CMY	0.1255, 0.7804, 0.5765
CMYK	0.00, 0.75, 0.52, 0.13
HSL	341°, 72%, 55%
HSV	341°, 75%, 87%
XYZ	34.5524, 19.5990, 16.1492
YIQ	111.8610, 82.8400, 51.5760

Conversions

Conversions Part 2

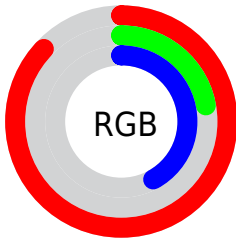
Format	Color
R_{YB}	223, 56, 108
Decimal	14628972
CIE _{Lab}	51.38, 66.41, 10.31
CIE _{LCh}	51, 67.208, 8.821
Yxy	19.5990, 0.4915, 0.2788
Android (android.graphics.Color)	4292819052 (0xFFDF386C)
YUV	111.8610, -1.9035, 97.4689
Hunter-Lab	44.2708, 61.8414, 9.3616

Details

The RYB color **223, 56, 108** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **56, 155, 223**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **255, 117, 159**, and **162, 0, 61** is the 20% darker color. If you saturate the color by 10%, you get **223, 34, 93**, and if you desaturate by 10%, it is **223, 78, 123**.

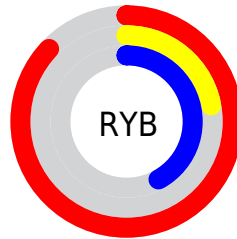
Distribution



Red (87%)

Green (22%)

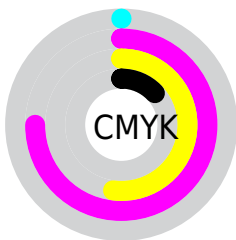
Blue (42%)



Red (87%)

Yellow (22%)

Blue (42%)

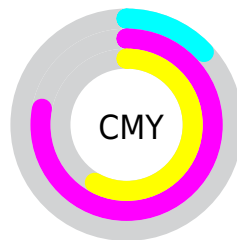


Cyan (0%)

Magenta (75%)

Yellow (52%)

Black (13%)



Cyan (13%)


Magenta (78%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 223, 56, 108 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 223, 56, 108 by changing the saturation by 10% instead.

 223, 56, 108

 223, 56, 108

255, 255, 255

 192, 11, 84

 255, 117, 159

 162, 0, 61

 255, 146, 186

 131, 0, 40

 255, 174, 214

 101, 0, 20


 255, 204, 242

 73, 0, 3

 255, 233, 255

 42, 0, 1

 0, 0, 0

 223, 56, 108

 223, 56, 108

 223, 34, 93

 223, 78, 123

■ 223, 11, 77

■ 223, 101, 139

■ 223, 0, 69

■ 223, 123, 154

■ 223, 145, 169

■ 223, 168, 185

■ 223, 190, 200

■ 223, 212, 215

■ 223, 229, 234

■ 223, 242, 255

Harmonies

Analogous

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



203, 69, 165



223, 56, 108



213, 80, 53

Triad

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



223, 56, 108



13, 139, 84



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.



223, 56, 108



56, 155, 223

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, 84, 194



223, 56, 108



0, 94, 145

Square

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



223, 56, 108



7, 132, 0



0, 77, 148



0, 81, 237

Rectangle

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



223, 56, 108



193, 165, 12



0, 77, 148



0, 87, 221

Sweetspot

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



223, 56, 108



255, 199, 216



170, 56, 223



128, 94, 105



0, 0, 0



128, 128, 128

Same Dimension

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



223, 56, 108



255, 25, 97



223, 94, 56



112, 101, 104



176, 0, 55



48, 0, 15

Inverse Universe

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



223, 56, 108



255, 25, 97



56, 131, 223



112, 101, 104



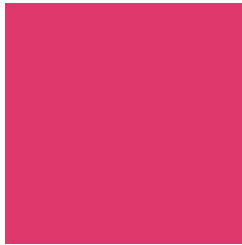
176, 0, 55



48, 0, 15

Previews

White Background



This preview shows how the RYB color 223, 56, 108 looks on a white background.

Color Contrast Check

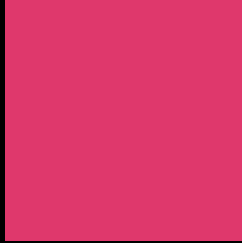
Large Text (above 18pt) WCAG AA ✓ Pass

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 223, 56, 108 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 223, 56, 108 Background



This preview shows how black text looks on a background with the RYB color 223, 56, 108.



This preview shows how white text looks on a background with the RYB color 223, 56, 108.

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
223, 56, 108

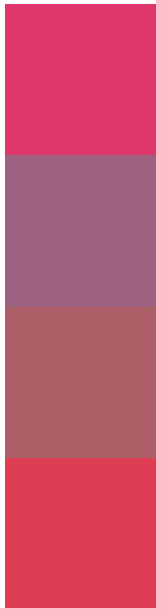
Protanopia
119, 122, 143

Deuteranopia
143, 131, 100



Tritanopia
221, 65, 68

Trichromacy



Original Color

223, 56, 108

Protanomaly

157, 98, 130

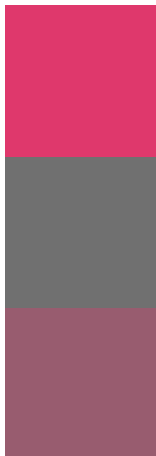
Deuteranomaly

172, 95, 103

Tritanomaly

222, 62, 83

Monochromacy



Original Color

223, 56, 108

Achromatopsia

112, 112, 112

Achromatomaly

152, 92, 111

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 56, 108 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(223, 56, 108)` looks like.

```
.text, #text, p{  
    color:rgb(223, 56, 108)  
}
```

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(223, 56, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 56, 108) }
```

Border

The CSS property to change the border of an element to RYB 223, 56, 108 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(223, 56, 108) }
```

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

```
.border{ border-color:rgb(223, 56, 108) }
```

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

Here you see how a box with a 4 pixel rgb(223, 56, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 56, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 56, 108);  
box-shadow:4px 4px 4px 4px rgb(223, 56,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 223, 56, 108 is called "background".

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

```
.background, #background, body{  
background: rgb(223, 56, 108) }
```

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

```
.background{ background-color: rgb(223, 56,  
108) }
```

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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