

Converting Colors

RGB(113, 41, 116)

Have a look what the booklet for
RGB(113, 41, 116) contains.

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Color

RGB(113, 41, 116)

Conversions

Conversions Part 1

Format	Color
Hex	712974
RGB	113, 41, 116
RGB Percent	44%, 16%, 45%
CMY	0.5569, 0.8392, 0.5451
CMYK	0.03, 0.65, 0.00, 0.55
HSL	298°, 48%, 31%
HSV	298°, 65%, 45%
XYZ	10.7554, 6.3575, 17.1833
YIQ	71.0780, 18.8370, 38.5890

Conversions

Conversions Part 2

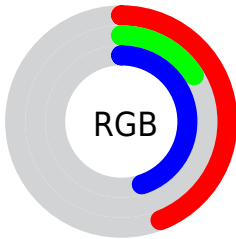
Format	Color
R _Y B	113, 41, 116
Decimal	7416180
CIE Lab	30.30, 42.29, -28.26
CIE LCh	30, 50.858, 326.247
Yxy	6.3575, 0.3136, 0.1854
Android (android.graphics.Color)	4285606260 (0xFF712974)
YUV	71.0780, 22.1465, 36.7656
Hunter-Lab	25.2142, 32.0163, -22.7558

Details

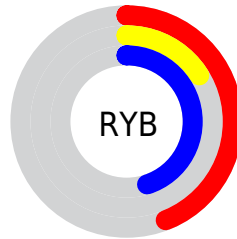
The RGB color **113, 41, 116** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **44, 116, 41**, and the grayscale version is **71, 71, 71**.

A 20% lighter version of the original color is **167, 92, 168**, and **62, 0, 67** is the 20% darker color. If you saturate the color by 10%, you get **113, 29, 116**, and if you desaturate by 10%, it is **113, 53, 116**.

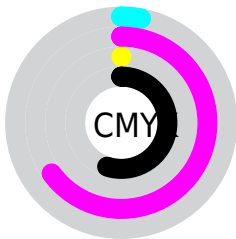
Distribution



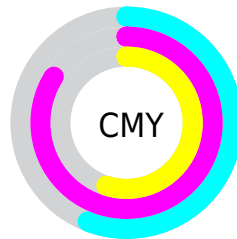
- Red (44%)
- Green (16%)
- Blue (45%)



- Red (44%)
- Yellow (16%)
- Blue (45%)



- Cyan (3%)
- Magenta (65%)
- Yellow (0%)
- Black (55%)



- Cyan (56%)
- Magenta (84%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 113, 41, 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 RGB color 113, 41, 116 by changing the saturation by 10% instead.



113, 41, 116



113, 41, 116

255, 255, 255



87, 13, 91



167, 92, 168



62, 0, 67



195, 118, 196



41, 0, 45



224, 144, 224



0, 1, 23



253, 171, 253



0, 0, 0



255, 199, 255



255, 228, 255



113, 41, 116



113, 41, 116



113, 29, 116



113, 53, 116

■ 112, 18, 116

■ 114, 64, 116

■ 112, 6, 116

■ 114, 76, 116

■ 111, 0, 116

■ 115, 87, 116

■ 115, 99, 116

■ 116, 111, 116

■ 116, 122, 116

■ 117, 134, 116

■ 117, 145, 116

Harmonies

Analogous

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



55, 63, 143



113, 41, 116



137, 20, 78

Triad

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



113, 41, 116



92, 68, 0



0, 88, 105

Complementary

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



113, 41, 116



44, 116, 41

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, 88, 65



113, 41, 116



54, 79, 0

Square

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



113, 41, 116



121, 50, 0



0, 85, 23



0, 86, 137

Rectangle

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



113, 41, 116



140, 22, 52



0, 85, 23



0, 88, 92

Sweetspot

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



113, 41, 116



149, 122, 150



41, 45, 116



76, 59, 77



204, 204, 204



77, 77, 77

Same Dimension

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



113, 41, 116



146, 33, 150



116, 41, 82



58, 53, 59



118, 0, 122



240, 0, 250

Inverse Universe

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



116, 41, 44



150, 33, 38



41, 116, 75



59, 53, 53



122, 0, 5



250, 0, 10

Previews

White Background



This preview shows how the RGB color 113, 41, 116 looks on a white background.

Color Contrast Check

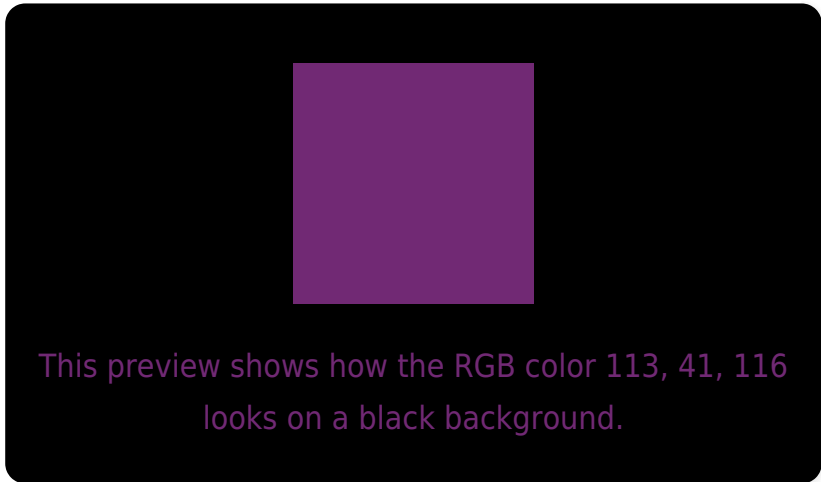
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

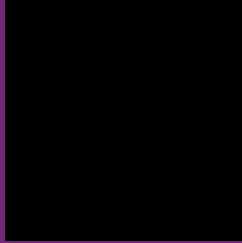
Any Text WCAG AA × Fail

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](#).

RGB 113, 41, 116 Background



This preview shows how black text looks on a background with the RGB color 113, 41, 116.



This preview shows how white text looks on a background with the RGB color 113, 41, 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



Original Color
113, 41, 116

Protanopia
25, 70, 143

Deuteranopia
53, 72, 111



Tritanopia
106, 58, 62

Trichromacy



Original Color
113, 41, 116

Protanomaly
57, 59, 133

Deuteranomaly
75, 61, 113

Tritanomaly
109, 52, 82

Monochromacy



Original Color
113, 41, 116

Achromatopsia
71, 71, 71

Achromatomaly
86, 60, 87

CSS Examples

Text

The CSS property to change the color of the text to RGB 113, 41, 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(113, 41, 116)` looks like.

```
.text, #text, p{  
    color:rgb(113, 41, 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(113, 41, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 41, 116) }
```

Border

The CSS property to change the border of an element to RGB 113, 41, 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(113, 41, 116) }
```

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

```
.border{ border-color:rgb(113, 41, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 41, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 41, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 41, 116); box-shadow:4px 4px 4px 4px rgb(113, 41, 116) }
```

Background

The CSS property to change the background color of an element to RGB 113, 41, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 41, 116) }
```

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

```
.background{ background-color: rgb(113, 41,  
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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