Converting Colors

RGB(114, 37, 218)

Have a look what the booklet for RGB(114, 37, 218) contains.

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Color

RGB(114, 37, 218)

Conversions

Conversions Part 1

Format	Color
Hex	7225DA
RGB	114, 37, 218
RGB Percent	45%, 15%, 85%
CMY	0.5529, 0.8549, 0.1451
CMYK	0.48, 0.83, 0.00, 0.15
HSL	266°, 71%, 50%
HSV	266°, 83%, 85%
XYZ	20.2559, 9.9625, 67.1850
YIQ	80.6570, -12.2090, 72.6150

Conversions

Conversions Part 2

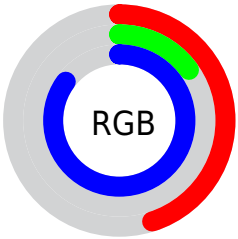
Format	Color
RYB	114, 37, 218
Decimal	7480794
CIELab	37.78, 66.87, -77.55
CIELCh	38, 102.401, 310.769
Yxy	9.9625, 0.2080, 0.1023
Android (android.graphics.Color)	4285670874 (0xFF7225DA)
YUV	80.6570, 67.7101, 29.2418
Hunter-Lab	31.5634, 59.3167, -104.1086

Details

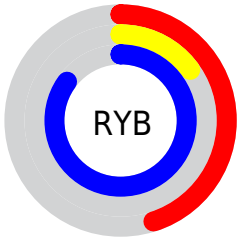
The RGB color 114, 37, 218 is a dark color, and the websafe version is hex 6600CC. The color can be described as dark washed purple. A complement of this color would be 141, 218, 37, and the grayscale version is 80, 80, 80.

A 20% lighter version of the original color is 175, 94, 255, and 47, 0, 162 is the 20% darker color. If you saturate the color by 10%, you get 101, 15, 218, and if you desaturate by 10%, it is 127, 59, 218.

Distribution

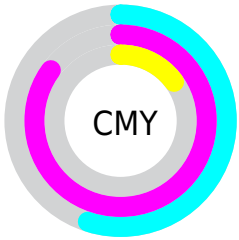


- Red (45%)
- Green (15%)
- Blue (85%)



- Red (45%)
- Yellow (15%)
- Blue (85%)

- Cyan (48%)
- Magenta (83%)
- Yellow (0%)
- Black (15%)



- Cyan (55%)
- Magenta (85%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 114, 37, 218 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 114, 37, 218 by changing the saturation by 10% instead.

114, 37, 218	114, 37, 218
255, 255, 255	83, 0, 189
175, 94, 255	47, 0, 162
205, 121, 255	0, 0, 134
235, 148, 255	0, 0, 108
255, 176, 255	0, 0, 83
255, 205, 255	0, 6, 58
255, 234, 255	0, 2, 36
	0, 0, 12
	0, 0, 0

114, 37, 218

101, 15, 218

93, 0, 218

114, 37, 218

127, 59, 218

139, 81, 218

152, 102, 218

164, 124, 218

177, 146, 218

189, 168, 218

202, 190, 218

214, 211, 218

227, 233, 218

Harmonies

Analogous

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

0, 94, 255

114, 37, 218

201, 0, 146

Triad

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

114, 37, 218

151, 63, 0

0, 117, 118

Complementary

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

114, 37, 218

141, 218, 37

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, 115, 26

114, 37, 218

82, 96, 0

Square

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

114, 37, 218

200, 0, 0

0, 109, 0

0, 118, 198

Rectangle

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

114, 37, 218

220, 0, 91

0, 109, 0

0, 116, 89

Sweetspot

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

114, 37, 218

218, 191, 255

37, 143, 218

106, 89, 128

0, 0, 0

128, 128, 128

Same Dimension

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

114, 37, 218

108, 0, 255

203, 37, 218

103, 99, 110

74, 0, 173

20, 0, 46

Inverse Universe

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

218, 37, 141

255, 0, 147

52, 218, 37

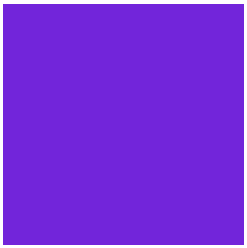
110, 99, 105

173, 0, 100

46, 0, 26

Previews

White Background

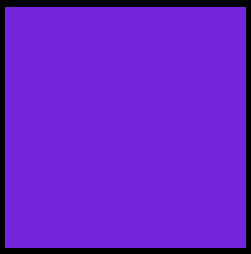


This preview shows how the RGB color 114, 37, 218 looks on a white background.

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



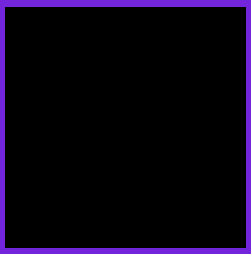
This preview shows how the RGB color 114, 37, 218 looks on a black background.

Color Contrast Check

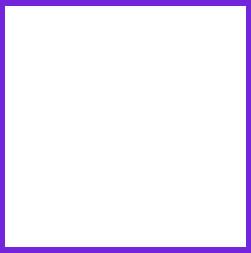
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 114, 37, 218 Background



This preview shows how black text looks on a background with the RGB color 114, 37, 218.



This preview shows how white text looks on a background with the RGB color 114, 37, 218.

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.

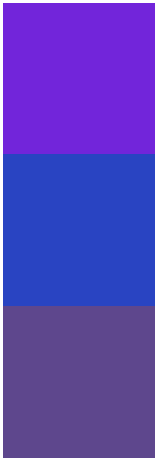
Dichromacy

Original Color
114, 37, 218

Protanopia
0, 86, 181

Tritanopia
82, 90, 97

Trichromacy



Original Color
114, 37, 218

Protanomaly
41, 68, 194

Tritanomaly
94, 71, 141

Monochromacy

Original Color
114, 37, 218

Achromatopsia
81, 81, 81

Achromatomaly
93, 65, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 37, 218 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(114, 37, 218) looks like.

```
.text, #text, p{
    color:rgb(114, 37, 218)
}
```

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(114, 37, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 37, 218) }
```

Border

The CSS property to change the border of an element to RGB 114, 37, 218 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(114, 37, 218) }
```

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

```
.border{ border-color:rgb(114, 37, 218) }
```

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

Here you see how a box with a 4 pixel rgb(114, 37, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 37, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 37, 218); box-shadow:4px 4px 4px 4px rgb(114, 37, 218) }
```

Background

The CSS property to change the background color of an element to RGB 114, 37, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(114, 37, 218) }
```

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

```
.background{ background-color:rgb(114, 37,
218) }
```

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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