

Converting Colors

RGB(125, 113, 232)

Have a look what the booklet for
RGB(125, 113, 232) contains.

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Color

RGB(125, 113, 232)

Conversions

Conversions Part 1

Format	Color
Hex	7D71E8
RGB	125, 113, 232
RGB Percent	49%, 44%, 91%
CMY	0.5098, 0.5569, 0.0902
CMYK	0.46, 0.51, 0.00, 0.09
HSL	246°, 72%, 68%
HSV	246°, 51%, 91%
XYZ	28.9281, 21.9964, 79.0650
YIQ	130.1540, -31.0470, 39.5530

Conversions

Conversions Part 2

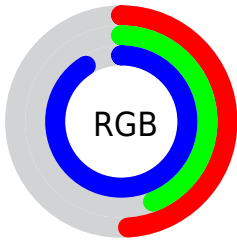
Format	Color
RYB	125, 113, 232
Decimal	8221160
CIELab	54.02, 34.50, -59.04
CIELCh	54, 68.379, 300.305
Yxy	21.9964, 0.2225, 0.1692
Android (android.graphics.Color)	4286411240 (0xFF7D71E8)
YUV	130.1540, 50.2101, -4.5201
Hunter-Lab	46.9003, 28.0229, -67.1213

Details

The RGB color **125, 113, 232** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **220, 232, 113**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **183, 165, 255**, and **66, 65, 175** is the 20% darker color. If you saturate the color by 10%, you get **104, 90, 232**, and if you desaturate by 10%, it is **146, 136, 232**.

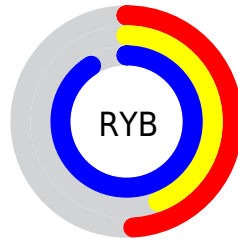
Distribution



Red (49%)

Green (44%)

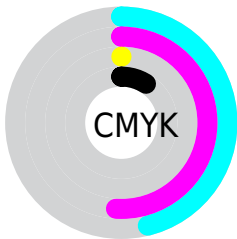
Blue (91%)



Red (49%)

Yellow (44%)

Blue (91%)

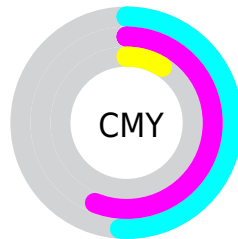


Cyan (46%)

Magenta (51%)

Yellow (0%)

Black (9%)



Cyan (51%)


Magenta (56%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 125, 113, 232 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 125, 113, 232 by changing the saturation by 10% instead.

 125, 113, 232

255, 255, 255


 183, 165, 255

 212, 192, 255

 242, 220, 255

 255, 249, 255

 125, 113, 232


 96, 88, 203

 66, 65, 175

 30, 42, 148

 0, 22, 122


 0, 0, 96

 0, 1, 72

 0, 4, 48

 0, 1, 26

 0, 0, 0


 125, 113, 232

 125, 113, 232


 104, 90, 232

 146, 136, 232

 83, 67, 232

 167, 159, 232

 62, 43, 232

 188, 183, 232

 42, 20, 232

 208, 206, 232

 23, 0, 232

 229, 229, 232

 250, 252, 232

 255, 255, 232

Harmonies

Analogous

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



0, 136, 248



125, 113, 232



199, 83, 189

Triad

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



125, 113, 232



200, 103, 14



0, 155, 128

Complementary

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



125, 113, 232



220, 232, 113

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, 151, 67



125, 113, 232



155, 127, 0

Square

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



125, 113, 232



228, 75, 73



96, 143, 0



0, 155, 187

Rectangle

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



125, 113, 232



224, 66, 151



96, 143, 0



0, 154, 107

Sweetspot

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



125, 113, 232



221, 217, 255



113, 220, 232



107, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



125, 113, 232



113, 97, 255



184, 113, 232



104, 103, 115



18, 0, 179



5, 0, 51

Inverse Universe

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



232, 113, 220



255, 97, 239



161, 232, 113



115, 103, 114



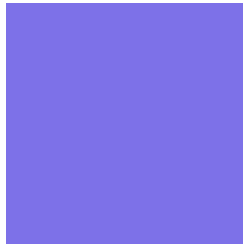
179, 0, 161



51, 0, 46

Previews

White Background



This preview shows how the RGB color 125, 113, 232 looks on a white background.

Color Contrast Check

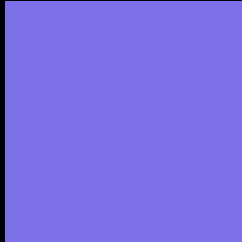
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 125, 113, 232 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 125, 113, 232 Background



This preview shows how black text looks on a background with the RGB color 125, 113, 232.




This preview shows how white text looks on a background with the RGB color 125, 113, 232.

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
101, 134, 145

Trichromacy



Original Color
125, 113, 232

Protanomaly
86, 121, 240

Deuteranomaly
71, 124, 229

Tritanomaly
110, 126, 177

Monochromacy



Original Color
125, 113, 232

Achromatopsia
130, 130, 130

Achromatomaly
128, 124, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 113, 232 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(125, 113, 232)` looks like.

```
.text, #text, p{  
    color:rgb(125, 113, 232)  
}
```

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(125, 113, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 113, 232) }
```

Border

The CSS property to change the border of an element to RGB 125, 113, 232 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(125, 113, 232) }
```

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

```
.border{ border-color:rgb(125, 113, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 113, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 113, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 113, 232);  
box-shadow:4px 4px 4px 4px rgb(125, 113,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 125, 113, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 113, 232) }
```

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

```
.background{ background-color: rgb(125,  
113, 232) }
```

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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