

Converting Colors

RGB(116, 171, 215)

Have a look what the booklet for
RGB(116, 171, 215) contains.

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Color

RGB(116, 171, 215)

Conversions

Conversions Part 1

Format	Color
Hex	74ABD7
RGB	116, 171, 215
RGB Percent	45%, 67%, 84%
CMY	0.5451, 0.3294, 0.1569
CMYK	0.46, 0.20, 0.00, 0.16
HSL	207°, 55%, 65%
HSV	207°, 46%, 84%
XYZ	34.0311, 37.7451, 69.7819
YIQ	159.5710, -46.9040, 2.0240

Conversions

Conversions Part 2

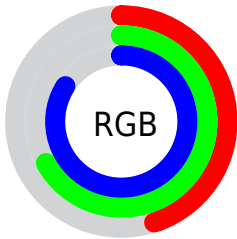
Format	Color
R _{YB}	116, 151, 215
Decimal	7646167
CIE Lab	67.83, -6.30, -27.90
CIE LCh	68, 28.599, 257.270
Yxy	37.7451, 0.2404, 0.2666
Android (android.graphics.Color)	4285836247 (0xFF74ABD7)
YUV	159.5710, 27.3265, -38.2118
Hunter-Lab	61.4371, -8.6404, -24.3373

Details

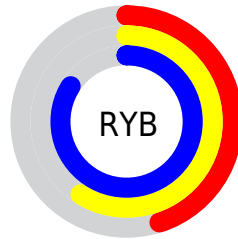
The RGB color **116, 171, 215** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **215, 160, 116**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **172, 226, 255**, and **60, 119, 160** is the 20% darker color. If you saturate the color by 10%, you get **94, 161, 215**, and if you desaturate by 10%, it is **138, 181, 215**.

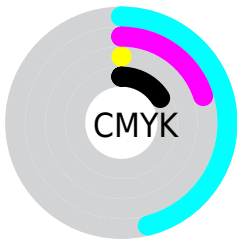
Distribution



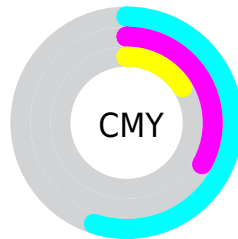
- Red (45%)
- Green (67%)
- Blue (84%)



- Red (45%)
- Yellow (59%)
- Blue (84%)



- Cyan (46%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



- Cyan (55%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 116, 171, 215 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 116, 171, 215 by changing the saturation by 10% instead.


 116, 171, 215


255, 255, 255


 172, 226, 255

 201, 255, 255

 230, 255, 255

 116, 171, 215

 88, 145, 187

 60, 119, 160

 26, 94, 134

 0, 71, 108

 0, 49, 84

 0, 28, 60

 0, 3, 39

 0, 1, 16

 0, 0, 0

■ 116, 171, 215

■ 116, 171, 215

■ 94, 161, 215

■ 138, 181, 215

■ 73, 152, 215

■ 159, 190, 215

■ 52, 142, 215

■ 181, 200, 215

■ 30, 133, 215

■ 202, 209, 215

■ 8, 123, 215

■ 224, 219, 215

■ 0, 119, 215

■ 245, 228, 215

■ 255, 238, 215

■ 255, 247, 215

■ 255, 255, 215

Harmonies

Analogous

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



88, 177, 202



116, 171, 215



154, 163, 214

Triad

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



116, 171, 215



217, 147, 151



139, 175, 130

Complementary

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



116, 171, 215



215, 160, 116

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.



168, 168, 116



116, 171, 215



211, 152, 128

Square

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



116, 171, 215



209, 147, 177



194, 160, 115



109, 179, 153

Rectangle

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



116, 171, 215



177, 156, 206



194, 160, 115



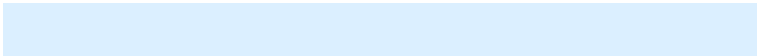
149, 173, 124

Sweetspot

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



116, 171, 215



219, 239, 255



116, 215, 159



106, 118, 128



0, 0, 0



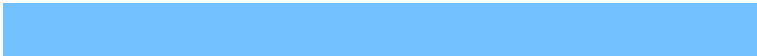
128, 128, 128

Same Dimension

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



116, 171, 215



115, 193, 255



116, 123, 215



96, 102, 107



0, 95, 171



0, 24, 43

Inverse Universe

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



215, 116, 171



255, 115, 193



215, 208, 116



107, 96, 102



171, 0, 95



43, 0, 24

Previews

White Background



This preview shows how the RGB color 116, 171, 215 looks on a white background.

Color Contrast Check

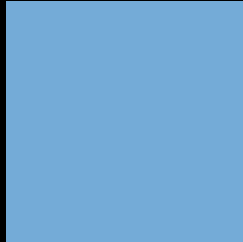
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 116, 171, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

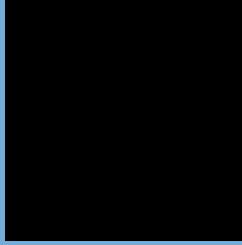
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 116, 171, 215 Background



This preview shows how black text looks on a background with the RGB color 116, 171, 215.

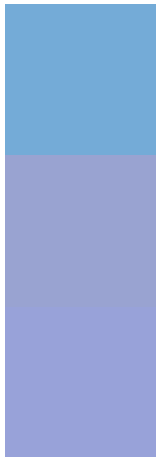


This preview shows how white text looks on a background with the RGB color 116, 171, 215.

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
116, 171, 215

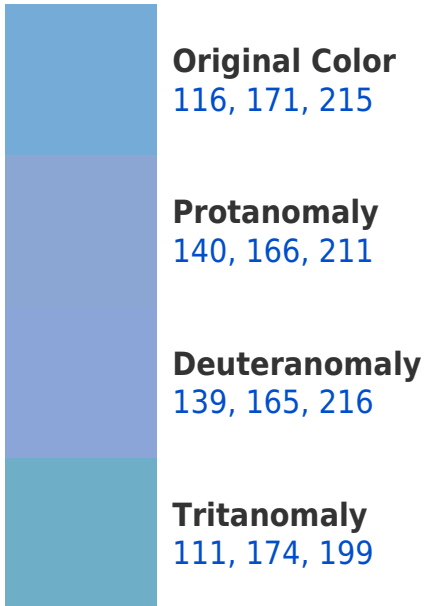
Protanopia
153, 163, 209

Deuteranopia
152, 162, 217

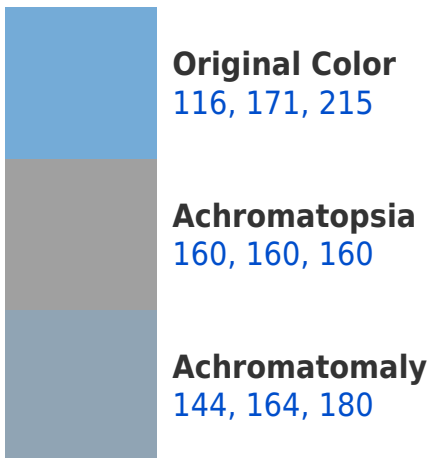


Tritanopia
108, 175, 190

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 116, 171, 215 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(116, 171, 215)` looks like.

```
.text, #text, p{  
    color:rgb(116, 171, 215)  
}
```

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(116, 171, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 171, 215) }
```

Border

The CSS property to change the border of an element to RGB 116, 171, 215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

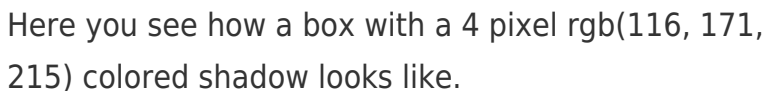
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 171, 215) }
```

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

```
.border{ border-color:rgb(116, 171, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 171, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 171, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 171, 215); box-shadow:4px 4px 4px 4px rgb(116, 171, 215) }
```

Background

The CSS property to change the background color of an element to RGB 116, 171, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 171, 215) }
```

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

```
.background{ background-color: rgb(116,  
171, 215) }
```

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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