

Converting Colors

RGB(116, 182, 225)

Have a look what the booklet for
RGB(116, 182, 225) contains.

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Color

RGB(116, 182, 225)

Conversions

Conversions Part 1

Format	Color
Hex	74B6E1
RGB	116, 182, 225
RGB Percent	45%, 71%, 88%
CMY	0.5451, 0.2863, 0.1176
CMYK	0.48, 0.19, 0.00, 0.12
HSL	204°, 64%, 67%
HSV	204°, 48%, 88%
XYZ	37.5210, 42.6051, 77.4802
YIQ	167.1680, -53.1390, -0.6190

Conversions

Conversions Part 2

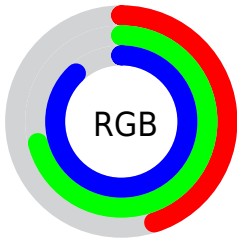
Format	Color
R_{YB}	116, 157, 225
Decimal	7648993
CIE _{Lab}	71.29, -9.45, -28.06
CIE _{LCh}	71, 29.609, 251.398
Yxy	42.6051, 0.2381, 0.2703
Android (android.graphics.Color)	4285839073 (0xFF74B6E1)
YUV	167.1680, 28.5112, -44.8743
Hunter-Lab	65.2726, -11.6189, -24.6879

Details

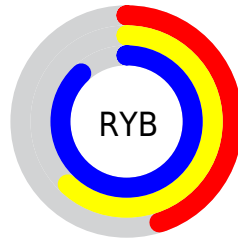
The RGB color **116, 182, 225** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **225, 159, 116**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **173, 238, 255**, and **57, 129, 170** is the 20% darker color. If you saturate the color by 10%, you get **94, 173, 225**, and if you desaturate by 10%, it is **139, 191, 225**.

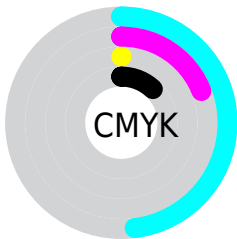
Distribution



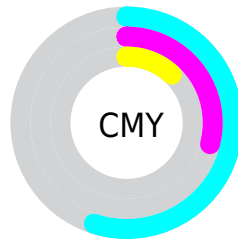
- Red (45%)
- Green (71%)
- Blue (88%)



- Red (45%)
- Yellow (62%)
- Blue (88%)



- Cyan (48%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)



- Cyan (55%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 116, 182, 225 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, 182, 225 by changing the saturation by 10% instead.


 116, 182, 225


255, 255, 255


 173, 238, 255


 202, 255, 255

 231, 255, 255

 116, 182, 225

 87, 155, 197

 57, 129, 170

 19, 104, 143

 0, 80, 117

 0, 57, 92

 0, 36, 69


 0, 12, 46

 0, 1, 25


 0, 0, 0


 116, 182, 225


 116, 182, 225

 94, 173, 225


 139, 191, 225

 71, 164, 225

 161, 200, 225

 49, 155, 225


 184, 209, 225

 26, 146, 225

 206, 218, 225

 3, 138, 225

 228, 226, 225

 0, 136, 225

 251, 235, 225

 255, 244, 225

 255, 253, 225

 255, 255, 225

Harmonies

Analogous

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



91, 188, 209



116, 182, 225



155, 174, 227

Triad

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



116, 182, 225



229, 155, 165



153, 184, 133

Complementary

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



116, 182, 225



225, 159, 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.



183, 176, 121



116, 182, 225



225, 159, 140

Square

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



116, 182, 225



217, 157, 192



208, 167, 124



122, 188, 156

Rectangle

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



116, 182, 225



180, 167, 221



208, 167, 124



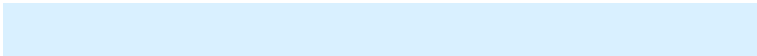
164, 181, 128

Sweetspot

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



116, 182, 225



217, 240, 255



116, 225, 158



105, 118, 128



0, 0, 0



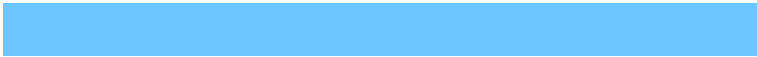
128, 128, 128

Same Dimension

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



116, 182, 225



107, 197, 255



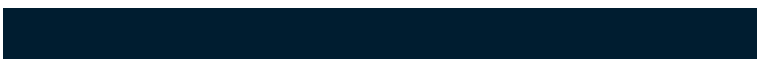
116, 129, 225



101, 108, 112



0, 107, 176



0, 29, 48

Inverse Universe

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



225, 116, 182



255, 107, 197



225, 212, 116



112, 101, 108



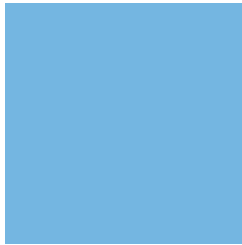
176, 0, 107



48, 0, 29

Previews

White Background



This preview shows how the RGB color 116, 182, 225 looks on a white background.

Color Contrast Check

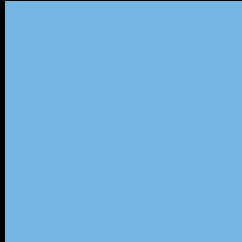
Large Text (above 18pt) WCAG AA × Fail

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, 182, 225 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

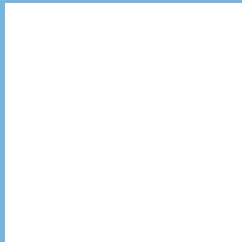
Any Text WCAG AAA ✓ Pass

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

RGB 116, 182, 225 Background



This preview shows how black text looks on a background with the RGB color 116, 182, 225.

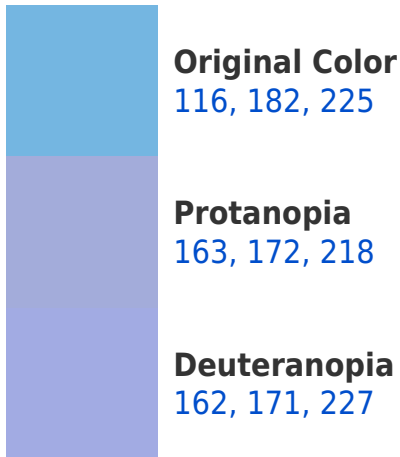


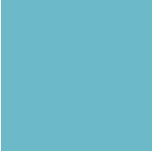
This preview shows how white text looks on a background with the RGB color 116, 182, 225.

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
108, 186, 201

Trichromacy



Original Color
116, 182, 225

Protanomaly
146, 176, 221

Deuteranomaly
145, 175, 226

Tritanomaly
111, 185, 210

Monochromacy



Original Color
116, 182, 225

Achromatopsia
167, 167, 167

Achromatomaly
148, 172, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 116, 182, 225 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, 182, 225)` looks like.

```
.text, #text, p{  
    color:rgb(116, 182, 225)  
}
```

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, 182, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 182, 225) }
```

Border

The CSS property to change the border of an element to RGB 116, 182, 225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

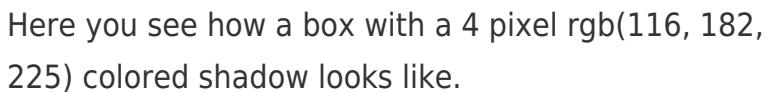
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 182, 225) }
```

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

```
.border{ border-color:rgb(116, 182, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 182, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 182, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 182, 225);  
box-shadow:4px 4px 4px 4px rgb(116, 182,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 116, 182, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 182, 225) }
```

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

```
.background{ background-color: rgb(116,  
182, 225) }
```

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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