

Converting Colors

RGB(14, 113, 210)

Have a look what the booklet for
RGB(14, 113, 210) contains.

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Color

RGB(14, 113, 210)

Conversions

Conversions Part 1	
Format	Color
Hex	0E71D2
RGB	14, 113, 210
RGB Percent	5%, 44%, 82%
CMY	0.9451, 0.5569, 0.1765
CMYK	0.93, 0.46, 0.00, 0.18
HSL	210°, 87%, 44%
HSV	210°, 93%, 82%
XYZ	17.7191, 16.5568, 63.2346
YIQ	94.4570, -90.1410, 9.1790

Conversions

Conversions Part 2

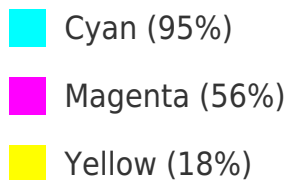
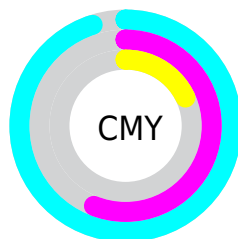
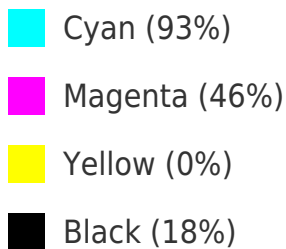
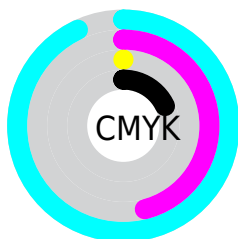
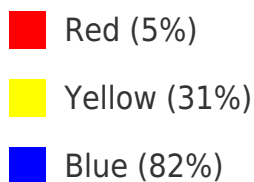
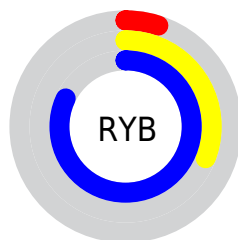
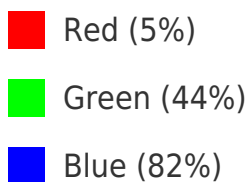
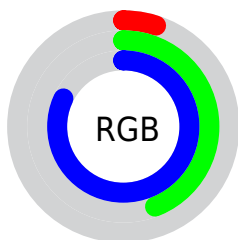
Format	Color
RYB	14, 80, 210
Decimal	946642
CIELab	47.70, 11.08, -57.04
CIELCh	48, 58.107, 280.988
Yxy	16.5568, 0.1817, 0.1698
Android (android.graphics.Color)	4279136722 (0xFF0E71D2)
YUV	94.4570, 56.9627, -70.5608
Hunter-Lab	40.6900, 6.5231, -63.6571

Details

The RGB color **14, 113, 210** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **210, 111, 14**, and the grayscale version is **94, 94, 94**.

A 20% lighter version of the original color is **103, 164, 255**, and **0, 66, 155** is the 20% darker color. If you saturate the color by 10%, you get **0, 106, 210**, and if you desaturate by 10%, it is **35, 123, 210**.

Distribution



Brightness & Saturation Gradients

These gradients show how the RGB color 14, 113, 210 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 14, 113, 210 by changing the saturation by 10% instead.



14, 113, 210



14, 113, 210

255, 255, 255



0, 89, 182



103, 164, 255



0, 66, 155



135, 191, 255



0, 45, 128



166, 219, 255



0, 26, 102



196, 247, 255



0, 9, 78



227, 255, 255



0, 5, 54




0, 2, 32




0, 0, 3





0, 0, 0


 14, 113, 210


 14, 113, 210

 0, 106, 210

 35, 123, 210


 56, 134, 210

 77, 144, 210

 98, 155, 210

 119, 165, 210

 140, 175, 210

 161, 186, 210

 182, 196, 210

 203, 207, 210

Harmonies

Analogous

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



0, 127, 206



14, 113, 210



138, 92, 188

Triad

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



14, 113, 210



190, 77, 51



0, 134, 79

Complementary

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



14, 113, 210



210, 111, 14

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.



64, 128, 30



14, 113, 210



161, 99, 2

Square

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



14, 113, 210



200, 61, 97



120, 117, 0



0, 136, 130

Rectangle

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



14, 113, 210



173, 76, 162



120, 117, 0



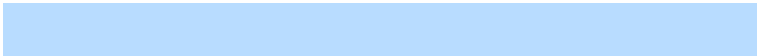
0, 132, 63

Sweetspot

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



14, 113, 210



184, 220, 255



14, 210, 109



84, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



14, 113, 210



0, 129, 255



14, 17, 210



94, 99, 105



0, 85, 168



0, 21, 41

Inverse Universe

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



210, 14, 113



255, 0, 129



210, 207, 14



105, 94, 99



168, 0, 85



41, 0, 21

Previews

White Background



This preview shows how the RGB color 14, 113, 210 looks on a white background.

Color Contrast Check

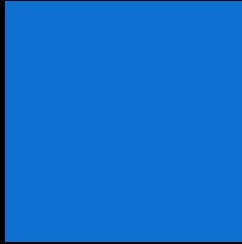
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 14, 113, 210 looks on a black 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

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

RGB 14, 113, 210 Background



This preview shows how black text looks on a background with the RGB color 14, 113, 210.



This preview shows how white text looks on a background with the RGB color 14, 113, 210.

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

14, 113, 210

Protanopia

64, 109, 206

Deuteranopia

0, 115, 202



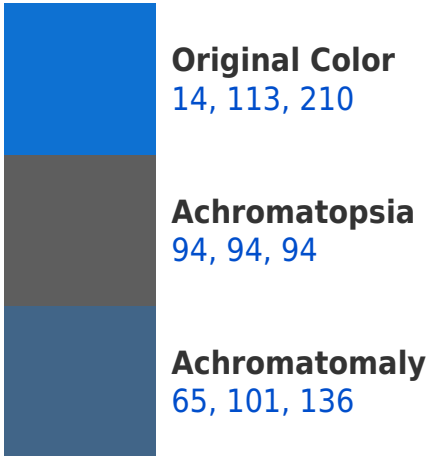
Tritanopia

0, 125, 133

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 14, 113, 210 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(14, 113, 210)` looks like.

```
.text, #text, p{  
    color:rgb(14, 113, 210)  
}
```

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(14, 113, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 113, 210) }
```

Border

The CSS property to change the border of an element to RGB 14, 113, 210 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(14, 113, 210) }
```

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

```
.border{ border-color:rgb(14, 113, 210) }
```

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

Here you see how a box with a 4 pixel rgb(14, 113, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 113, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 113, 210);  
box-shadow:4px 4px 4px 4px rgb(14, 113,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 14, 113, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(14, 113, 210) }
```

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

```
.background{ background-color:rgb(14, 113,  
210) }
```

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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