

Converting Colors

RGB(23, 117, 148)

Have a look what the booklet for
RGB(23, 117, 148) contains.

RGB(23, 117, 148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(23, 117, 148)

Conversions

Conversions Part 1

Format	Color
Hex	177594
RGB	23, 117, 148
RGB Percent	9%, 46%, 58%
CMY	0.9098, 0.5412, 0.4196
CMYK	0.84, 0.21, 0.00, 0.42
HSL	195°, 73%, 34%
HSV	195°, 84%, 58%
XYZ	12.0599, 15.0429, 30.2849
YIQ	92.4280, -65.9750, -10.2870

Conversions

Conversions Part 2

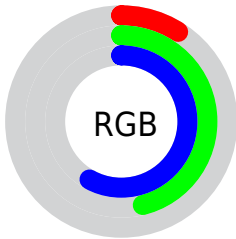
Format	Color
R_{YB}	23, 77, 148
Decimal	1537428
CIE _{Lab}	45.69, -14.67, -24.19
CIE _{LCh}	46, 28.286, 238.765
Yxy	15.0429, 0.2101, 0.2621
Android (android.graphics.Color)	4279727508 (0xFF177594)
YUV	92.4280, 27.3970, -60.8884
Hunter-Lab	38.7851, -12.3708, -19.1463

Details

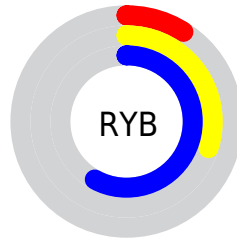
The RGB color **23, 117, 148** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **148, 54, 23**, and the grayscale version is **92, 92, 92**.

A 20% lighter version of the original color is **91, 169, 202**, and **0, 69, 97** is the 20% darker color. If you saturate the color by 10%, you get **8, 113, 148**, and if you desaturate by 10%, it is **38, 121, 148**.

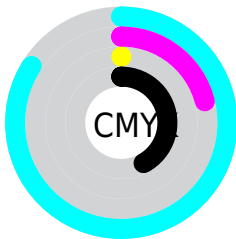
Distribution



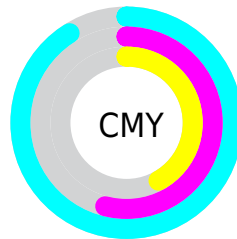
- Red (9%)
- Green (46%)
- Blue (58%)



- Red (9%)
- Yellow (30%)
- Blue (58%)



- Cyan (84%)
- Magenta (21%)
- Yellow (0%)
- Black (42%)





















- Cyan (91%)
- Magenta (54%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 23, 117, 148 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 23, 117, 148 by changing the saturation by 10% instead.

 23, 117, 148	 23, 117, 148
 255, 255, 255	 0, 92, 122
 91, 169, 202	 0, 69, 97
 120, 196, 230	 0, 46, 73
 149, 224, 255	 0, 27, 50
 178, 253, 255	 0, 2, 29
 207, 255, 255	 0, 0, 0
 236, 255, 255	

 23, 117, 148	 23, 117, 148
 8, 113, 148	 38, 121, 148

■ 0, 111, 148

■ 53, 124, 148

■ 67, 128, 148

■ 82, 132, 148

■ 97, 135, 148

■ 112, 139, 148

■ 127, 143, 148

■ 141, 146, 148

■ 156, 150, 148

Harmonies

Analogous

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



0, 120, 130



23, 117, 148



71, 111, 155

Triad

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



23, 117, 148



152, 90, 110



100, 114, 66

Complementary

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



23, 117, 148



148, 54, 23

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.



124, 106, 60



23, 117, 148



153, 91, 87

Square

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



23, 117, 148



137, 94, 133



143, 98, 68



72, 118, 83

Rectangle

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



23, 117, 148



98, 105, 153



143, 98, 68



109, 111, 63

Sweetspot

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



23, 117, 148



143, 179, 191



23, 148, 52



68, 90, 97



224, 224, 224



97, 97, 97

Same Dimension

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



23, 117, 148



0, 144, 191



23, 56, 148



67, 72, 74



0, 104, 138



0, 8, 10

Inverse Universe

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



148, 23, 117



191, 0, 144



148, 115, 23



74, 67, 72



138, 0, 104



10, 0, 8

Previews

White Background



This preview shows how the RGB color 23, 117, 148 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 23, 117, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

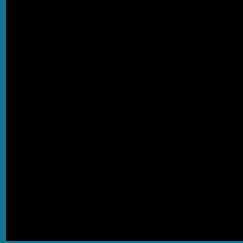
Any Text WCAG AA × Fail

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 23, 117, 148 Background



This preview shows how black text looks on a background with the RGB color 23, 117, 148.

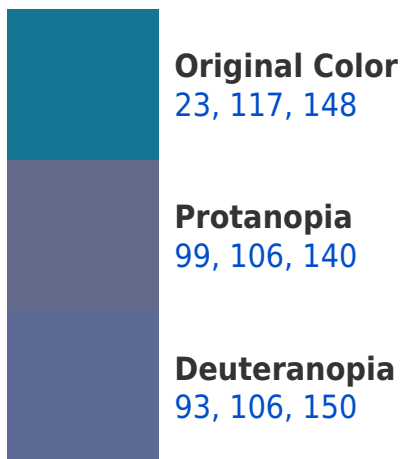


This preview shows how white text looks on a background with the RGB color 23, 117, 148.

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
0, 120, 129

Trichromacy



Original Color

23, 117, 148

Protanomaly

71, 110, 143

Deuteranomaly

68, 110, 149

Tritanomaly

8, 119, 136

Monochromacy



Original Color

23, 117, 148

Achromatopsia

92, 92, 92

Achromatomaly

67, 101, 112

CSS Examples

Text

The CSS property to change the color of the text to RGB 23, 117, 148 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(23, 117, 148)` looks like.

```
.text, #text, p{  
    color:rgb(23, 117, 148)  
}
```

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(23, 117, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 117, 148) }
```

Border

The CSS property to change the border of an element to RGB 23, 117, 148 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(23, 117, 148) }
```

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

```
.border{ border-color:rgb(23, 117, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 117, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 117, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 117, 148);  
box-shadow:4px 4px 4px 4px rgb(23, 117,  
148) }
```

Background

The CSS property to change the background color of an element to RGB 23, 117, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 117, 148) }
```

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

```
.background{ background-color: rgb(23, 117,  
148) }
```

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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