

Converting Colors

RGB(30, 118, 172)

Have a look what the booklet for
RGB(30, 118, 172) contains.

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Color

RGB(30, 118, 172)

Conversions

Conversions Part 1

Format	Color
Hex	1E76AC
RGB	30, 118, 172
RGB Percent	12%, 46%, 67%
CMY	0.8824, 0.5373, 0.3255
CMYK	0.83, 0.31, 0.00, 0.33
HSL	203°, 70%, 40%
HSV	203°, 83%, 67%
XYZ	14.4602, 16.2114, 41.3967
YIQ	97.8440, -69.7820, -1.8620

Conversions

Conversions Part 2

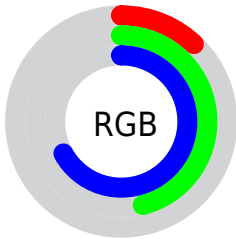
Format	Color
R _Y B	30, 84, 172
Decimal	1996460
CIE Lab	47.25, -5.71, -35.83
CIE LCh	47, 36.287, 260.944
Yxy	16.2114, 0.2006, 0.2249
Android (android.graphics.Color)	4280186540 (0xFF1E76AC)
YUV	97.8440, 36.5589, -59.4992
Hunter-Lab	40.2634, -6.3544, -32.7744

Details

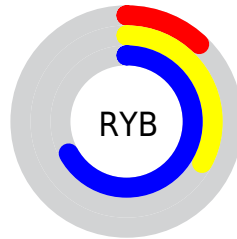
The RGB color **30, 118, 172** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **172, 84, 30**, and the grayscale version is **98, 98, 98**.

A 20% lighter version of the original color is **99, 170, 228**, and **0, 70, 119** is the 20% darker color. If you saturate the color by 10%, you get **13, 111, 172**, and if you desaturate by 10%, it is **47, 125, 172**.

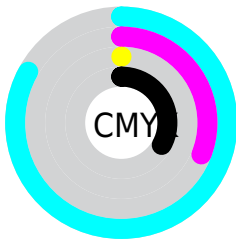
Distribution



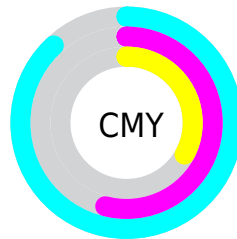
- Red (12%)
- Green (46%)
- Blue (67%)



- Red (12%)
- Yellow (33%)
- Blue (67%)



- Cyan (83%)
- Magenta (31%)
- Yellow (0%)
- Black (33%)























- Cyan (88%)
- Magenta (54%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 30, 118, 172 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 30, 118, 172 by changing the saturation by 10% instead.

 30, 118, 172	 30, 118, 172
 255, 255, 255	 0, 93, 145
 99, 170, 228	 0, 70, 119
 129, 197, 255	 0, 48, 94
 158, 225, 255	 0, 28, 70
 187, 254, 255	 0, 4, 48
 217, 255, 255	 0, 1, 26
 247, 255, 255	 0, 0, 0

 30, 118, 172	 30, 118, 172
 13, 111, 172	 47, 125, 172

■ 0, 107, 172

■ 64, 131, 172

■ 82, 138, 172

■ 99, 144, 172

■ 116, 151, 172

■ 133, 157, 172

■ 150, 164, 172

■ 168, 170, 172

■ 185, 177, 172

Harmonies

Analogous

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



0, 125, 159



30, 118, 172



100, 108, 169

Triad

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



30, 118, 172



170, 88, 92



73, 124, 72

Complementary

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



30, 118, 172



172, 84, 30

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.



109, 117, 53



30, 118, 172



160, 96, 66

Square

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



30, 118, 172



164, 87, 123



138, 107, 51



10, 127, 101

Rectangle

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



30, 118, 172



129, 100, 158



138, 107, 51



86, 122, 64

Sweetspot

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



30, 118, 172



168, 203, 224



30, 172, 82



79, 99, 112



240, 240, 240



112, 112, 112

Same Dimension

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



30, 118, 172



2, 140, 224



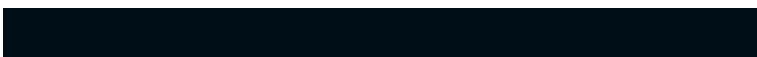
30, 49, 172



78, 83, 87



0, 93, 150



0, 14, 23

Inverse Universe

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



172, 30, 118



224, 2, 140



172, 153, 30



87, 78, 83



150, 0, 93



23, 0, 14

Previews

White Background



This preview shows how the RGB color 30, 118, 172 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 30, 118, 172 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 30, 118, 172 Background



This preview shows how black text looks on a background with the RGB color 30, 118, 172.

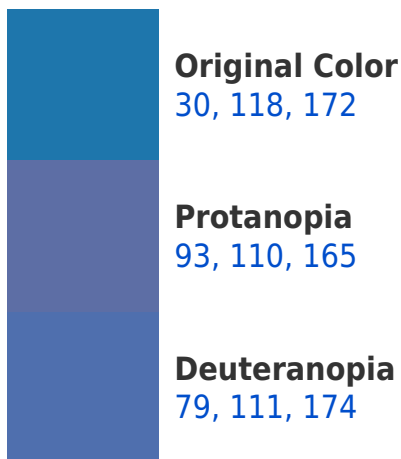


This preview shows how white text looks on a background with the RGB color 30, 118, 172.

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](#).

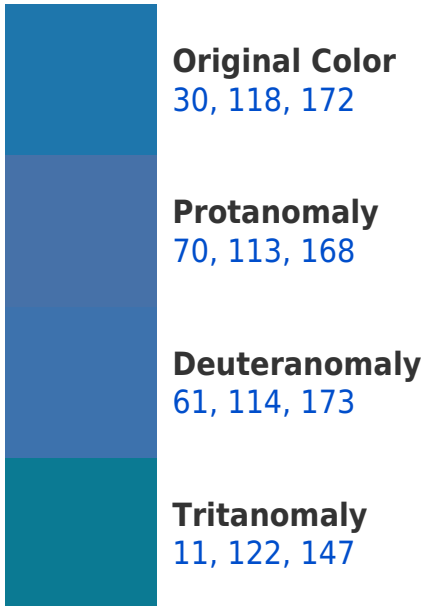
Dichromacy



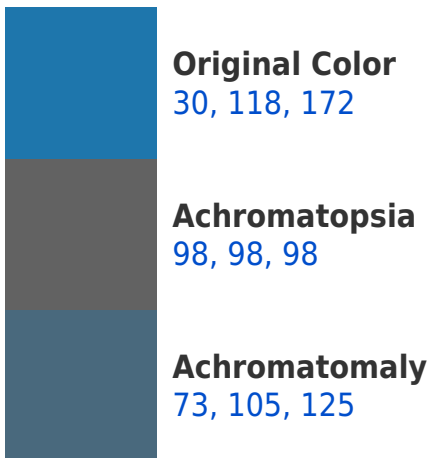


Tritanopia
0, 124, 133

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 30, 118, 172 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(30, 118, 172)` looks like.

```
.text, #text, p{  
    color:rgb(30, 118, 172)  
}
```

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(30, 118, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 118, 172) }
```

Border

The CSS property to change the border of an element to RGB 30, 118, 172 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(30, 118, 172) }
```

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

```
.border{ border-color:rgb(30, 118, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 118, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 118, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 118, 172);  
box-shadow:4px 4px 4px 4px rgb(30, 118,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 30, 118, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 118, 172) }
```

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

```
.background{ background-color: rgb(30, 118,  
172) }
```

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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