

Converting Colors

RGB(37, 128, 186)

Have a look what the booklet for
RGB(37, 128, 186) contains.

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Color

RGB(37, 128, 186)

Conversions

Conversions Part 1

Format	Color
Hex	2580BA
RGB	37, 128, 186
RGB Percent	15%, 50%, 73%
CMY	0.8549, 0.4980, 0.2706
CMYK	0.80, 0.31, 0.00, 0.27
HSL	203°, 67%, 44%
HSV	203°, 80%, 73%
XYZ	17.3450, 19.3768, 49.2803
YIQ	107.4030, -72.8540, -1.2540

Conversions

Conversions Part 2

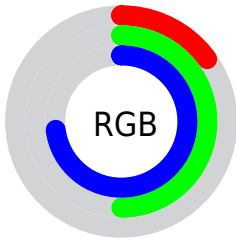
Format	Color
R_{YB}	37, 93, 186
Decimal	2457786
CIE _{Lab}	51.13, -5.73, -37.82
CIE _{LCh}	51, 38.254, 261.391
Yxy	19.3768, 0.2017, 0.2253
Android (android.graphics.Color)	4280647866 (0xFF2580BA)
YUV	107.4030, 38.7483, -61.7434
Hunter-Lab	44.0191, -6.6983, -35.5630

Details

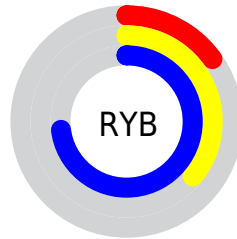
The RGB color **37, 128, 186** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **186, 95, 37**, and the grayscale version is **107, 107, 107**.

A 20% lighter version of the original color is **106, 181, 242**, and **0, 79, 132** is the 20% darker color. If you saturate the color by 10%, you get **18, 121, 186**, and if you desaturate by 10%, it is **56, 135, 186**.

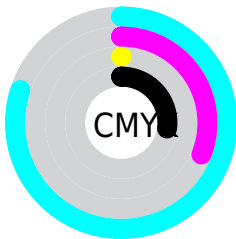
Distribution



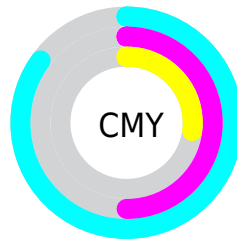
- Red (15%)
- Green (50%)
- Blue (73%)



- Red (15%)
- Yellow (36%)
- Blue (73%)



- Cyan (80%)
- Magenta (31%)
- Yellow (0%)
- Black (27%)



















- Cyan (85%)
- Magenta (50%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 37, 128, 186 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 37, 128, 186 by changing the saturation by 10% instead.

 37, 128, 186	 37, 128, 186
 255, 255, 255	 0, 103, 159
 106, 181, 242	 0, 79, 132
 136, 208, 255	 0, 57, 107
 165, 236, 255	 0, 36, 82
 195, 255, 255	 0, 13, 59
 225, 255, 255	 0, 2, 37
	 0, 1, 13
	 0, 0, 0

 37, 128, 186  37, 128, 186

■ 18, 121, 186

■ 56, 135, 186

■ 0, 114, 186

■ 74, 142, 186

■ 93, 150, 186

■ 111, 157, 186

■ 130, 164, 186

■ 149, 171, 186

■ 167, 179, 186

■ 186, 186, 186

■ 204, 193, 186

Harmonies

Analogous

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



0, 135, 172



37, 128, 186



109, 117, 183

Triad

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



37, 128, 186



183, 96, 100



80, 134, 80

Complementary

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



37, 128, 186



186, 95, 37

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.



118, 127, 59



37, 128, 186



173, 105, 72

Square

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



37, 128, 186



178, 95, 133



150, 117, 56



12, 138, 111

Rectangle

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



37, 128, 186



141, 108, 171



150, 117, 56



94, 132, 71

Sweetspot

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



37, 128, 186



184, 220, 242



37, 186, 94



87, 109, 122



250, 250, 250



122, 122, 122

Same Dimension

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



37, 128, 186



10, 152, 242



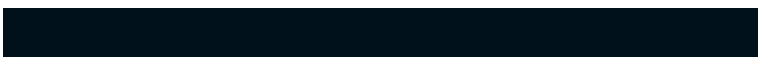
37, 54, 186



83, 88, 92



0, 95, 156



0, 17, 28

Inverse Universe

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



186, 37, 128



242, 10, 152



186, 169, 37



92, 83, 88



156, 0, 95



28, 0, 17

Previews

White Background



This preview shows how the RGB color 37, 128, 186 looks on a white 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

Black Background



This preview shows how the RGB color 37, 128, 186 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 × Fail

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

RGB 37, 128, 186 Background



This preview shows how black text looks on a background with the RGB color 37, 128, 186.

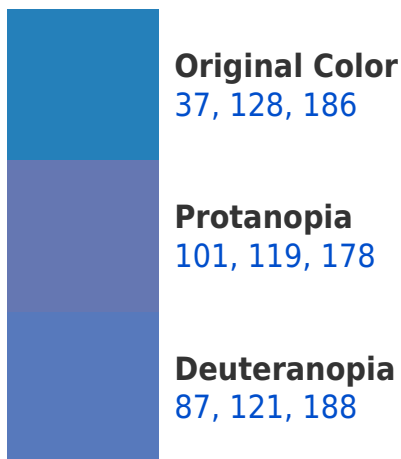


This preview shows how white text looks on a background with the RGB color 37, 128, 186.

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](#).

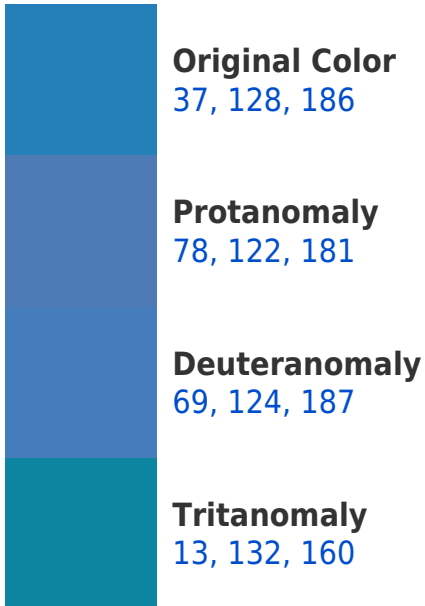
Dichromacy



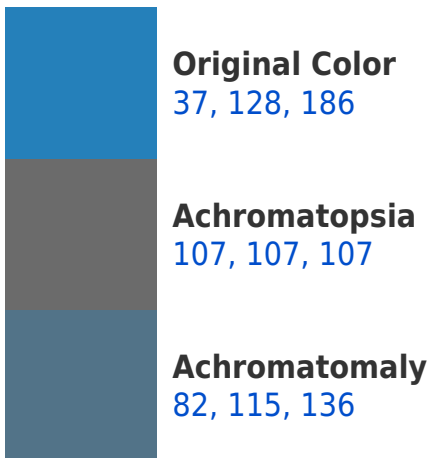


Tritanopia
0, 135, 145

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 37, 128, 186 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(37, 128, 186)` looks like.

```
.text, #text, p{  
    color:rgb(37, 128, 186)  
}
```

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(37, 128, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 128, 186) }
```

Border

The CSS property to change the border of an element to RGB 37, 128, 186 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(37, 128, 186) }
```

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

```
.border{ border-color:rgb(37, 128, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 128, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 128, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 128, 186);  
box-shadow:4px 4px 4px 4px rgb(37, 128,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 37, 128, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 128, 186) }
```

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

```
.background{ background-color: rgb(37, 128,  
186) }
```

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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