

Converting Colors

`RYB(62, 145, 179)`

Have a look what the booklet for
RYB(62, 145, 179) contains.

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Color

RYB(62, 145, 179)

Conversions

Conversions Part 1

Format	Color
Hex	3EB36E
RGB	62, 179, 110
RGB Percent	24%, 70%, 43%
CMY	0.7569, 0.2980, 0.5689
CMYK	0.65, 0.00, 0.39, 0.30
HSL	145°, 49%, 47%
HSV	145°, 65%, 70%
XYZ	20.9172, 34.3885, 20.2664
YIQ	136.1510, -47.5830, -46.2630

Conversions

Conversions Part 2

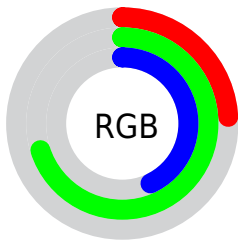
Format	Color
RYB	62, 145, 179
Decimal	4109166
CIELab	65.27, -48.43, 25.93
CIELCh	65, 54.932, 151.835
Yxy	34.3885, 0.2768, 0.4550
Android (android.graphics.Color)	4282299246 (0xFF3EB36E)
YUV	136.1510, -12.8924, -65.0304
Hunter-Lab	58.6417, -38.9529, 20.5588

Details

The RYB color **62, 145, 179** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **179, 62, 131**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **122, 206, 236**, and **0, 84, 125** is the 20% darker color. If you saturate the color by 10%, you get **44, 140, 179**, and if you desaturate by 10%, it is **80, 151, 179**.

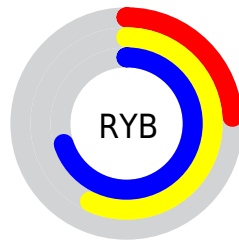
Distribution



Red (24%)

Green (70%)

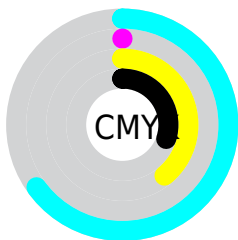
Blue (43%)



Red (24%)

Yellow (57%)

Blue (70%)

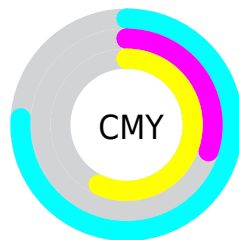


Cyan (65%)

Magenta (0%)

Yellow (39%)

Black (30%)



Cyan (76%)

Magenta (30%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 62, 145, 179 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 RYB color 62, 145, 179 by changing the saturation by 10% instead.



62, 145, 179



62, 145, 179

255, 255, 255



23, 110, 152



122, 206, 236



0, 84, 125



151, 227, 255



0, 72, 99



180, 230, 255



0, 61, 74



209, 234, 255



0, 51, 51



239, 247, 255



0, 27, 27



0, 0, 0



62, 145, 179



62, 145, 179



44, 140, 179



80, 151, 179

■ 26, 134, 179

■ 98, 156, 179

■ 8, 129, 179

■ 116, 161, 179

■ 0, 127, 179

■ 134, 166, 179

■ 152, 171, 179

■ 169, 176, 179

■ 187, 179, 184

■ 205, 179, 194

■ 223, 179, 205

Harmonies

Analogous

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



70, 171, 108



62, 145, 179



0, 98, 183

Triad

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



62, 145, 179



59, 127, 255



246, 122, 109

Complementary

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



62, 145, 179



179, 62, 131

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.



247, 115, 157



62, 145, 179



164, 144, 242

Square

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



62, 145, 179



0, 102, 244



221, 125, 206



222, 195, 71

Rectangle

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



62, 145, 179



0, 94, 194



221, 125, 206



249, 117, 125

Sweetspot

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



62, 145, 179



186, 219, 232



62, 179, 109



89, 109, 117



245, 245, 245



117, 117, 117

Same Dimension

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



62, 145, 179



51, 179, 232



62, 124, 179



80, 86, 89



0, 108, 153



0, 19, 26

Inverse Universe

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



179, 62, 131



232, 51, 158



179, 62, 74



89, 80, 86



153, 0, 90



26, 0, 15

Previews

White Background



This preview shows how the RYB color 62, 145, 179 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 RYB color 62, 145, 179 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 62, 145, 179 Background



This preview shows how black text looks on a background with the RGB color 62, 145, 179.



This preview shows how white text looks on a background with the RGB color 62, 145, 179.

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
62, 145, 179

Protanopia
119, 171, 101

Deuteranopia
186, 186, 116



Tritanopia
87, 132, 184

Trichromacy



Original Color

62, 145, 179



Protanomaly

104, 165, 138



Deuteranomaly

114, 161, 134



Tritanomaly

78, 130, 173

Monochromacy



Original Color

62, 145, 179



Achromatopsia

136, 136, 136



Achromatomaly

109, 139, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 62, 145, 179 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(62, 179, 110)` looks like.

```
.text, #text, p{  
    color:rgb(62, 179, 110)  
}
```

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(62, 179, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 179, 110) }
```

Border

The CSS property to change the border of an element to RYB 62, 145, 179 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(62, 179, 110) }
```

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

```
.border{ border-color:rgb(62, 179, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 179, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 179, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 179, 110);  
box-shadow:4px 4px 4px 4px rgb(62, 179,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 62, 145, 179 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 179, 110) }
```

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

```
.background{ background-color: rgb(62, 179,  
110) }
```

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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