

Converting Colors

RGB(42, 144, 162)

Have a look what the booklet for
RGB(42, 144, 162) contains.

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Color

RGB(42, 144, 162)

Conversions

Conversions Part 1

Format	Color
Hex	2A90A2
RGB	42, 144, 162
RGB Percent	16%, 56%, 64%
CMY	0.8353, 0.4353, 0.3647
CMYK	0.74, 0.11, 0.00, 0.36
HSL	189°, 59%, 40%
HSV	189°, 74%, 64%
XYZ	17.4497, 23.0474, 37.7113
YIQ	115.5540, -66.5700, -16.0260

Conversions

Conversions Part 2

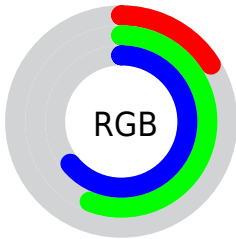
Format	Color
R_{YB}	42, 97, 162
Decimal	2789538
CIE _{Lab}	55.12, -22.38, -17.83
CIE _{LCh}	55, 28.616, 218.545
Yxy	23.0474, 0.2231, 0.2947
Android (android.graphics.Color)	4280979618 (0xFF2A90A2)
YUV	115.5540, 22.8979, -64.5069
Hunter-Lab	48.0077, -19.1328, -12.9685

Details

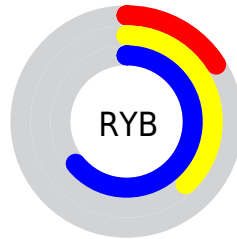
The RGB color **42, 144, 162** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **162, 60, 42**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **106, 198, 217**, and **0, 93, 110** is the 20% darker color. If you saturate the color by 10%, you get **26, 142, 162**, and if you desaturate by 10%, it is **58, 146, 162**.

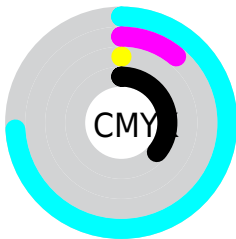
Distribution



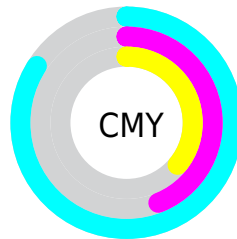
- Red (16%)
- Green (56%)
- Blue (64%)



- Red (16%)
- Yellow (38%)
- Blue (64%)



- Cyan (74%)
- Magenta (11%)
- Yellow (0%)
- Black (36%)























- Cyan (84%)
- Magenta (44%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 42, 144, 162 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 42, 144, 162 by changing the saturation by 10% instead.

 42, 144, 162	 42, 144, 162
 255, 255, 255	 0, 118, 136
 106, 198, 217	 0, 93, 110
 135, 226, 245	 0, 69, 86
 164, 255, 255	 0, 47, 63
 193, 255, 255	 0, 28, 41
 223, 255, 255	 0, 1, 20
 253, 255, 255	 0, 0, 0

 42, 144, 162	 42, 144, 162
 26, 142, 162	 58, 146, 162

■ 10, 139, 162

■ 74, 149, 162

■ 0, 138, 162

■ 91, 151, 162

■ 107, 154, 162

■ 123, 156, 162

■ 139, 159, 162

■ 155, 161, 162

■ 172, 163, 162

■ 188, 166, 162

Harmonies

Analogous

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



55, 145, 138



42, 144, 162



69, 139, 177

Triad

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



42, 144, 162



169, 116, 151



142, 133, 82

Complementary

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



42, 144, 162



162, 60, 42

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.



164, 124, 86



42, 144, 162



180, 113, 126

Square

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



42, 144, 162



144, 123, 171



178, 117, 102



115, 140, 92

Rectangle

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



42, 144, 162



96, 135, 181



178, 117, 102



150, 130, 82

Sweetspot

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



42, 144, 162



165, 205, 212



42, 162, 60



79, 103, 107



235, 235, 235



107, 107, 107

Same Dimension

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



42, 144, 162



23, 183, 212



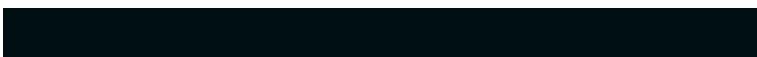
42, 84, 162



73, 80, 82



0, 124, 145



0, 15, 18

Inverse Universe

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



162, 42, 144



212, 23, 183



162, 120, 42



82, 73, 80



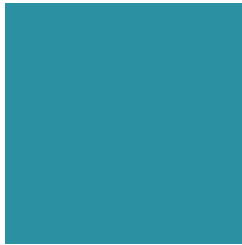
145, 0, 124



18, 0, 15

Previews

White Background



This preview shows how the RGB color 42, 144, 162 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 42, 144, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

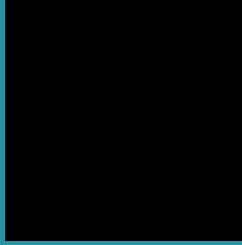
Any Text WCAG AA ✓ Pass

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 42, 144, 162 Background



This preview shows how black text looks on a background with the RGB color 42, 144, 162.



This preview shows how white text looks on a background with the RGB color 42, 144, 162.

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
38, 145, 157

Trichromacy



Original Color
42, 144, 162

Protanomaly
96, 135, 156

Deuteranomaly
95, 134, 164

Tritanomaly
39, 145, 159

Monochromacy



Original Color
42, 144, 162

Achromatopsia
116, 116, 116

Achromatomaly
89, 126, 133

CSS Examples

Text

The CSS property to change the color of the text to RGB 42, 144, 162 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(42, 144, 162)` looks like.

```
.text, #text, p{  
    color:rgb(42, 144, 162)  
}
```

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(42, 144, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 144, 162) }
```

Border

The CSS property to change the border of an element to RGB 42, 144, 162 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(42, 144, 162) }
```

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

```
.border{ border-color:rgb(42, 144, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 144, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 144, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 144, 162);  
box-shadow:4px 4px 4px 4px rgb(42, 144,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 42, 144, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 144, 162) }
```

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

```
.background{ background-color: rgb(42, 144,  
162) }
```

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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