

Converting Colors

RGB(40, 143, 204)

Have a look what the booklet for
RGB(40, 143, 204) contains.

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Color

RGB(40, 143, 204)

Conversions

Conversions Part 1	
Format	Color
Hex	288FCC
RGB	40, 143, 204
RGB Percent	16%, 56%, 80%
CMY	0.8431, 0.4392, 0.2000
CMYK	0.80, 0.30, 0.00, 0.20
HSL	202°, 67%, 48%
HSV	202°, 80%, 80%
XYZ	21.5966, 24.4557, 60.7089
YIQ	119.1570, -80.9690, -2.8650

Conversions

Conversions Part 2

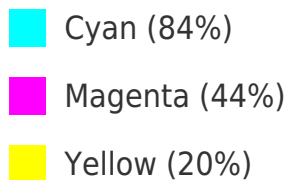
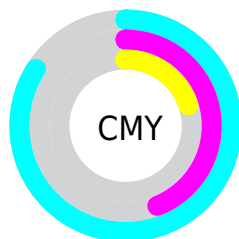
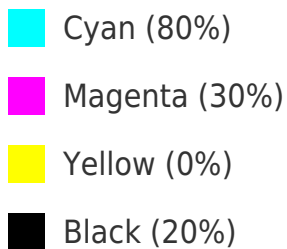
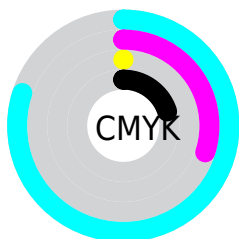
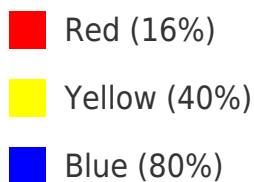
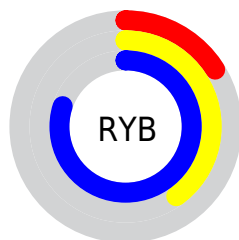
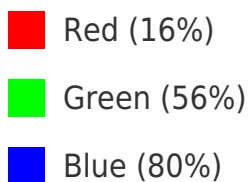
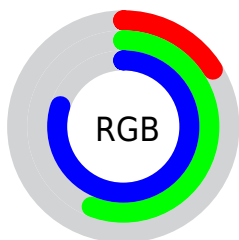
Format	Color
RYB	40, 103, 204
Decimal	2658252
CIELab	56.54, -7.57, -39.54
CIELCh	57, 40.259, 259.162
Yxy	24.4557, 0.2023, 0.2291
Android (android.graphics.Color)	4280848332 (0xFF288FCC)
YUV	119.1570, 41.8276, -69.4207
Hunter-Lab	49.4527, -8.5889, -38.1685

Details

The RGB color **40, 143, 204** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **204, 101, 40**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **111, 197, 255**, and **0, 93, 149** is the 20% darker color. If you saturate the color by 10%, you get **20, 135, 204**, and if you desaturate by 10%, it is **60, 151, 204**.


Distribution



Brightness & Saturation Gradients

These gradients show how the RGB color 40, 143, 204 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 40, 143, 204 by changing the saturation by 10% instead.

 40, 143, 204

255, 255, 255


 111, 197, 255

 142, 224, 255

 172, 253, 255

 203, 255, 255

 233, 255, 255

 40, 143, 204


 0, 118, 176


 0, 93, 149

 0, 70, 123


 0, 48, 98


 0, 28, 74


 0, 4, 51


 0, 2, 29

 0, 0, 0


 40, 143, 204


 40, 143, 204


 20, 135, 204

 60, 151, 204

 0, 128, 204

 81, 158, 204

 101, 166, 204

 122, 173, 204

 142, 181, 204

 162, 189, 204

 183, 196, 204

 203, 204, 204

 224, 211, 204

Harmonies

Analogous

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



0, 150, 188



40, 143, 204



118, 131, 202

Triad

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



40, 143, 204



202, 108, 114



94, 149, 88

Complementary

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



40, 143, 204



204, 101, 40

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.



135, 141, 67



40, 143, 204



192, 117, 84

Square

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



40, 143, 204



194, 108, 150



168, 129, 66



34, 153, 121

Rectangle

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



40, 143, 204



153, 122, 190



168, 129, 66



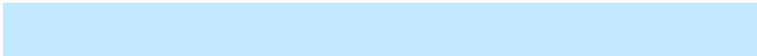
109, 146, 79

Sweetspot

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



40, 143, 204



194, 232, 255



40, 204, 100



91, 114, 128



0, 0, 0



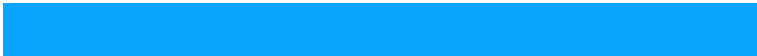
128, 128, 128

Same Dimension

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



40, 143, 204



10, 164, 255



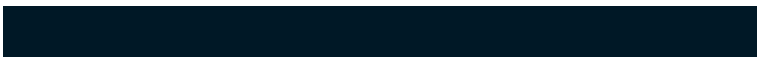
40, 62, 204



92, 98, 102



0, 104, 166



0, 24, 38

Inverse Universe

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



204, 40, 143



255, 10, 164



204, 182, 40



102, 92, 98



166, 0, 104



38, 0, 24

Previews

White Background



This preview shows how the RGB color 40, 143, 204 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 40, 143, 204 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 40, 143, 204 Background



This preview shows how black text looks on a background with the RGB color 40, 143, 204.

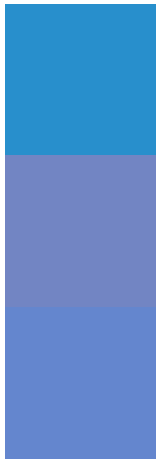


This preview shows how white text looks on a background with the RGB color 40, 143, 204.

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

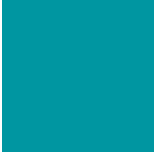
40, 143, 204

Protanopia

114, 133, 195

Deuteranopia

100, 134, 206






Tritanopia

0, 150, 161

Trichromacy

	Original Color 40, 143, 204
	Protanomaly 87, 137, 198
	Deuteranomaly 78, 137, 205
	Tritanomaly 15, 147, 177

Monochromacy

	Original Color 40, 143, 204
	Achromatopsia 119, 119, 119
	Achromatomaly 90, 128, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 40, 143, 204 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(40, 143, 204) looks like.

```
.text, #text, p{  
    color:rgb(40, 143, 204)  
}
```

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(40, 143, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 143, 204) }
```

Border

The CSS property to change the border of an element to RGB 40, 143, 204 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(40, 143, 204) }
```

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

```
.border{ border-color:rgb(40, 143, 204) }
```

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

Here you see how a box with a 4 pixel rgb(40, 143, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 143, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 143, 204);  
box-shadow:4px 4px 4px 4px rgb(40, 143,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 40, 143, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 143, 204) }
```

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

```
.background{ background-color: rgb(40, 143,  
204) }
```

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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