

Converting Colors

RGB(27, 139, 241)

Have a look what the booklet for
RGB(27, 139, 241) contains.

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Color

RGB(27, 139, 241)

Conversions

Conversions Part 1

Format	Color
Hex	1B8BF1
RGB	27, 139, 241
RGB Percent	11%, 55%, 95%
CMY	0.8941, 0.4549, 0.0549
CMYK	0.89, 0.42, 0.00, 0.05
HSL	209°, 88%, 53%
HSV	209°, 89%, 95%
XYZ	25.5618, 25.0491, 86.7068
YIQ	117.1400, -99.4940, 7.9780

Conversions

Conversions Part 2

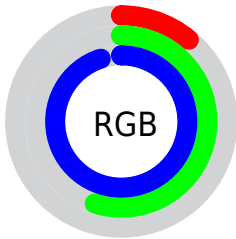
Format	Color
R _Y B	27, 101, 241
Decimal	1805297
CIE Lab	57.12, 7.55, -59.30
CIE LCh	57, 59.784, 277.260
Yxy	25.0491, 0.1862, 0.1824
Android (android.graphics.Color)	4279995377 (0xFF1B8BF1)
YUV	117.1400, 61.0630, -79.0528
Hunter-Lab	50.0491, 3.5802, -67.6817

Details

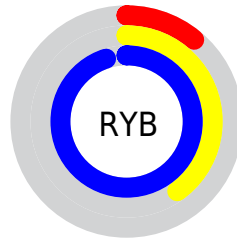
The RGB color **27, 139, 241** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **241, 129, 27**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **114, 192, 255**, and **0, 90, 184** is the 20% darker color. If you saturate the color by 10%, you get **3, 128, 241**, and if you desaturate by 10%, it is **51, 150, 241**.

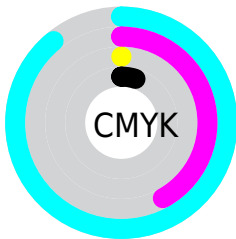
Distribution



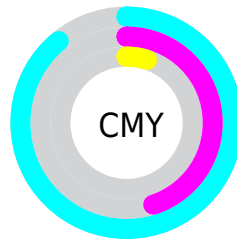
- Red (11%)
- Green (55%)
- Blue (95%)



- Red (11%)
- Yellow (40%)
- Blue (95%)



- Cyan (89%)
- Magenta (42%)
- Yellow (0%)
- Black (5%)




















- Cyan (89%)
- Magenta (45%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 27, 139, 241 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 27, 139, 241 by changing the saturation by 10% instead.

 27, 139, 241	 27, 139, 241
 255, 255, 255	 0, 114, 212
 114, 192, 255	 0, 90, 184
 147, 220, 255	 0, 67, 157
 179, 248, 255	 0, 46, 130
 210, 255, 255	 0, 27, 104
 241, 255, 255	 0, 10, 79
	 0, 5, 56
	 0, 2, 33
	 0, 0, 6

■ 27, 139, 241

■ 27, 139, 241

■ 3, 128, 241

■ 51, 150, 241

■ 0, 126, 241

■ 75, 162, 241

■ 99, 173, 241

■ 123, 185, 241

■ 147, 196, 241

■ 172, 208, 241

■ 196, 219, 241

■ 220, 231, 241

■ 244, 242, 241

Harmonies

Analogous

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



0, 153, 233



27, 139, 241



155, 118, 221

Triad

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



27, 139, 241



224, 98, 77



0, 159, 95

Complementary

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



27, 139, 241



241, 129, 27

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.



96, 152, 46



27, 139, 241



195, 120, 35

Square

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



27, 139, 241



231, 86, 127



152, 139, 13



0, 162, 149

Rectangle

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



27, 139, 241



195, 102, 194



152, 139, 13



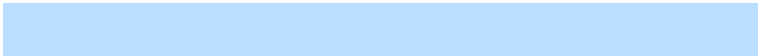
35, 157, 78

Sweetspot

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



27, 139, 241



186, 222, 255



27, 241, 127



87, 108, 128



0, 0, 0



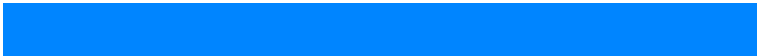
128, 128, 128

Same Dimension

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



27, 139, 241



0, 133, 255



27, 34, 241



108, 114, 120



0, 96, 184



0, 29, 56

Inverse Universe

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



241, 27, 139



255, 0, 133



241, 234, 27



120, 108, 114



184, 0, 96



56, 0, 29

Previews

White Background



This preview shows how the RGB color 27, 139, 241 looks on a white background.

Color Contrast Check

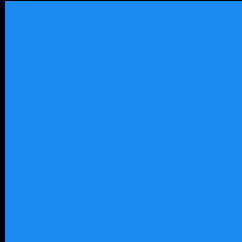
Large Text (above 18pt) WCAG AA ✓ Pass

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 27, 139, 241 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

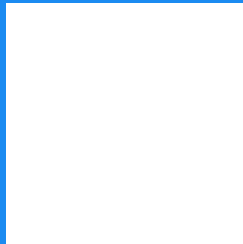
Any Text WCAG AAA × Fail

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

RGB 27, 139, 241 Background



This preview shows how black text looks on a background with the RGB color 27, 139, 241.

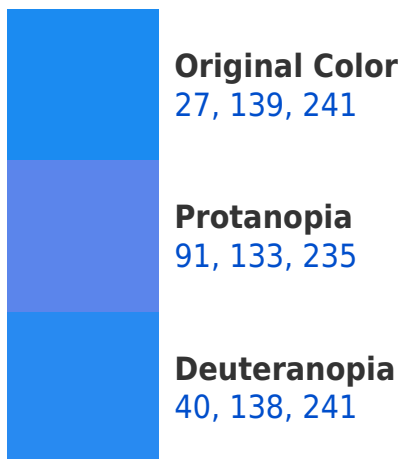


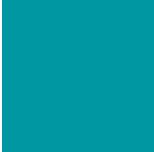
This preview shows how white text looks on a background with the RGB color 27, 139, 241.

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, 151, 162

Trichromacy



Original Color
27, 139, 241

Protanomaly
68, 135, 237

Deuteranomaly
35, 138, 241

Tritanomaly
10, 147, 191

Monochromacy



Original Color
27, 139, 241

Achromatopsia
117, 117, 117

Achromatomaly
84, 125, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 27, 139, 241 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(27, 139, 241)` looks like.

```
.text, #text, p{  
    color:rgb(27, 139, 241)  
}
```

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(27, 139, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 139, 241) }
```

Border

The CSS property to change the border of an element to RGB 27, 139, 241 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(27, 139, 241) }
```

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

```
.border{ border-color:rgb(27, 139, 241) }
```

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

Here you see how a box with a 4 pixel rgb(27, 139, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 139, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 139, 241);  
box-shadow:4px 4px 4px 4px rgb(27, 139,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 27, 139, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 139, 241) }
```

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

```
.background{ background-color: rgb(27, 139,  
241) }
```

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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