

Converting Colors

RGB(29, 147, 255)

Have a look what the booklet for
RGB(29, 147, 255) contains.

RGB(29, 147, 255)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(29, 147, 255)

Conversions

Conversions Part 1

Format	Color
Hex	1D93FF
RGB	29, 147, 255
RGB Percent	11%, 58%, 100%
CMY	0.8863, 0.4235, 0.0000
CMYK	0.89, 0.42, 0.00, 0.00
HSL	209°, 100%, 56%
HSV	209°, 89%, 100%
XYZ	28.9904, 28.3486, 98.5516
YIQ	124.0300, -104.9960, 8.5720

Conversions

Conversions Part 2

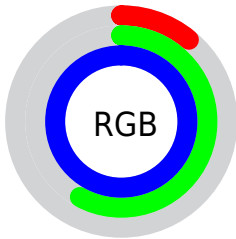
Format	Color
R _Y B	29, 107, 255
Decimal	1938431
CIE Lab	60.20, 8.11, -62.08
CIE LCh	60, 62.607, 277.444
Yxy	28.3486, 0.1860, 0.1818
Android (android.graphics.Color)	4280128511 (0xFF1D93FF)
YUV	124.0300, 64.5682, -83.3413
Hunter-Lab	53.2434, 4.0151, -72.4731

Details

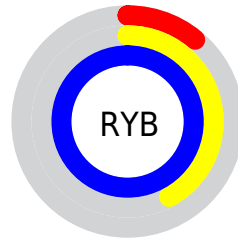
The RGB color **29, 147, 255** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **255, 137, 29**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **118, 200, 255**, and **0, 97, 197** is the 20% darker color. If you saturate the color by 10%, you get **4, 135, 255**, and if you desaturate by 10%, it is **55, 159, 255**.

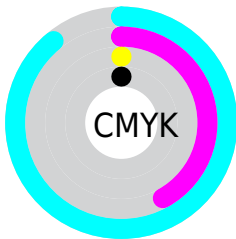
Distribution



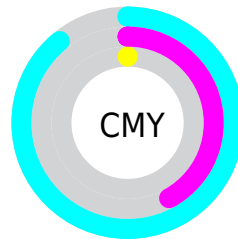
- Red (11%)
- Green (58%)
- Blue (100%)



- Red (11%)
- Yellow (42%)
- Blue (100%)



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




















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

Brightness & Saturation Gradients

These gradients show how the RGB color 29, 147, 255 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 29, 147, 255 by changing the saturation by 10% instead.

 29, 147, 255	 29, 147, 255
 255, 255, 255	 0, 122, 226
 118, 200, 255	 0, 97, 197
 151, 228, 255	 0, 74, 170
 184, 255, 255	 0, 53, 143
 215, 255, 255	 0, 33, 116
 247, 255, 255	 0, 8, 91
	 0, 7, 67
	 0, 3, 43
	 0, 1, 22

■ 29, 147, 255

■ 29, 147, 255

■ 4, 135, 255

■ 55, 159, 255

■ 0, 133, 255

■ 80, 171, 255

■ 106, 184, 255

■ 131, 196, 255

■ 157, 208, 255

■ 182, 220, 255

■ 208, 232, 255

■ 233, 244, 255

255, 255, 255

Harmonies

Analogous

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



0, 162, 247



29, 147, 255



165, 124, 233

Triad

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



29, 147, 255



236, 104, 81



0, 168, 100

Complementary

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



29, 147, 255



255, 137, 29

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.



101, 161, 49



29, 147, 255



206, 127, 36

Square

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



29, 147, 255



244, 91, 134



160, 147, 13



0, 171, 158

Rectangle

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



29, 147, 255



207, 108, 205



160, 147, 13



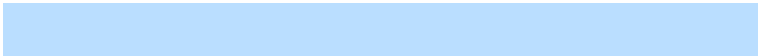
36, 166, 82

Sweetspot

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



29, 147, 255



186, 222, 255



29, 255, 134



87, 108, 128



0, 0, 0



128, 128, 128

Same Dimension

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



29, 147, 255



0, 133, 255



29, 37, 255



115, 121, 128



0, 100, 191



0, 33, 64

Inverse Universe

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



255, 29, 147



255, 0, 133



255, 247, 29



128, 115, 121



191, 0, 100



64, 0, 33

Previews

White Background



This preview shows how the RGB color 29, 147, 255 looks on a white background.

Color Contrast Check

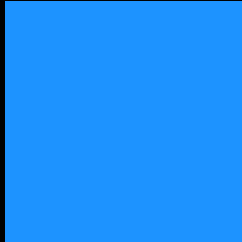
Large Text (above 18pt) WCAG AA ✓ Pass

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 29, 147, 255 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

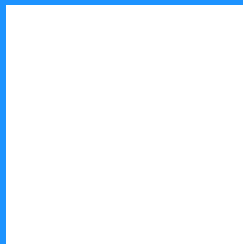
Any Text WCAG AAA × Fail

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

RGB 29, 147, 255 Background



This preview shows how black text looks on a background with the RGB color 29, 147, 255.



This preview shows how white text looks on a background with the RGB color 29, 147, 255.

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](#).

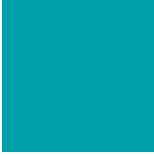
Dichromacy



Original Color
29, 147, 255

Protanopia
96, 140, 249

Deuteranopia
43, 146, 255



Tritanopia
0, 160, 171

Trichromacy



Original Color
29, 147, 255

Protanomaly
72, 143, 251

Deuteranomaly
38, 146, 255

Tritanomaly
11, 155, 202

Monochromacy



Original Color
29, 147, 255

Achromatopsia
124, 124, 124

Achromatomaly
89, 132, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 29, 147, 255 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(29, 147, 255)` looks like.

```
.text, #text, p{  
    color:rgb(29, 147, 255)  
}
```

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(29, 147, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 147, 255) }
```

Border

The CSS property to change the border of an element to RGB 29, 147, 255 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(29, 147, 255) }
```

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

```
.border{ border-color:rgb(29, 147, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 147, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 147, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 147, 255);  
box-shadow:4px 4px 4px 4px rgb(29, 147,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 29, 147, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 147, 255) }
```

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

```
.background{ background-color: rgb(29, 147,  
255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor