

Converting Colors

RGB(29, 186, 239)

Have a look what the booklet for
RGB(29, 186, 239) contains.

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Color

RGB(29, 186, 239)

Conversions

Conversions Part 1

Format	Color
Hex	1DBAEF
RGB	29, 186, 239
RGB Percent	11%, 73%, 94%
CMY	0.8863, 0.2706, 0.0627
CMYK	0.88, 0.22, 0.00, 0.06
HSL	195°, 87%, 53%
HSV	195°, 88%, 94%
XYZ	33.6456, 41.6110, 87.9198
YIQ	145.0990, -110.5850, -16.8010

Conversions

Conversions Part 2

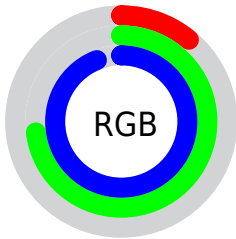
Format	Color
R _Y B	29, 119, 239
Decimal	1948399
CIE Lab	70.60, -19.59, -36.93
CIE LCh	71, 41.799, 242.059
Yxy	41.6110, 0.2062, 0.2550
Android (android.graphics.Color)	4280138479 (0xFF1DBAEF)
YUV	145.0990, 46.2932, -101.8188
Hunter-Lab	64.5066, -19.7839, -35.6551

Details

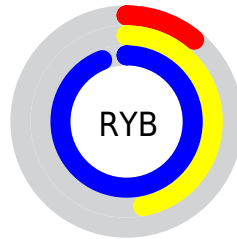
The RGB color **29, 186, 239** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **239, 82, 29**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **116, 242, 255**, and **0, 133, 183** is the 20% darker color. If you saturate the color by 10%, you get **5, 180, 239**, and if you desaturate by 10%, it is **53, 192, 239**.

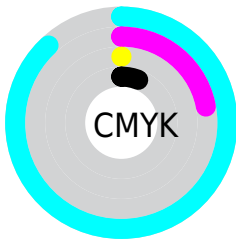
Distribution



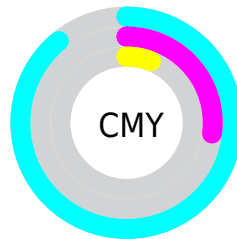
- Red (11%)
- Green (73%)
- Blue (94%)



- Red (11%)
- Yellow (47%)
- Blue (94%)



- Cyan (88%)
- Magenta (22%)
- Yellow (0%)
- Black (6%)




















- Cyan (89%)
- Magenta (27%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 29, 186, 239 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, 186, 239 by changing the saturation by 10% instead.

 29, 186, 239	 29, 186, 239
 255, 255, 255	 0, 159, 211
 116, 242, 255	 0, 133, 183
 149, 255, 255	 0, 107, 156
 181, 255, 255	 0, 83, 129
 212, 255, 255	 0, 60, 104
 244, 255, 255	 0, 38, 80
	 0, 9, 57
	 0, 2, 34
	 0, 0, 8

■ 29, 186, 239

■ 29, 186, 239

■ 5, 180, 239

■ 53, 192, 239

■ 0, 179, 239

■ 77, 198, 239

■ 101, 204, 239

■ 125, 210, 239

■ 148, 216, 239

■ 172, 222, 239

■ 196, 228, 239

■ 220, 234, 239

■ 244, 240, 239

Harmonies

Analogous

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



0, 192, 212



29, 186, 239



119, 176, 248

Triad

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



29, 186, 239



244, 142, 172



155, 182, 107

Complementary

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



29, 186, 239



239, 82, 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.



194, 171, 96



29, 186, 239



244, 146, 134

Square

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



29, 186, 239



223, 149, 209



226, 158, 106



108, 190, 136

Rectangle

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



29, 186, 239



162, 167, 243



226, 158, 106



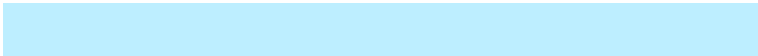
169, 179, 101

Sweetspot

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



29, 186, 239



189, 238, 255



29, 239, 82



88, 118, 128



0, 0, 0



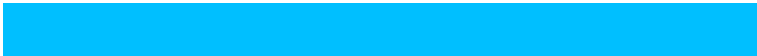
128, 128, 128

Same Dimension

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



29, 186, 239



0, 191, 255



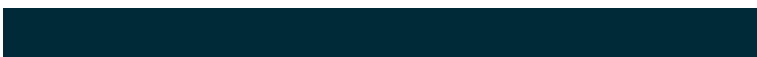
29, 82, 239



108, 117, 120



0, 137, 184



0, 42, 56

Inverse Universe

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



239, 29, 186



255, 0, 191



239, 187, 29



120, 108, 117



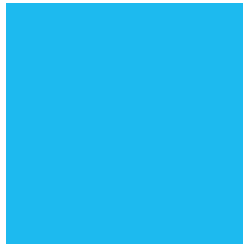
184, 0, 137



56, 0, 42

Previews

White Background



This preview shows how the RGB color 29, 186, 239 looks on a white background.

Color Contrast Check

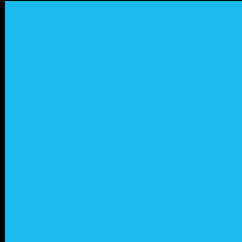
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 29, 186, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

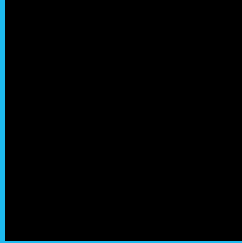
Any Text WCAG AA ✓ Pass

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 29, 186, 239 Background



This preview shows how black text looks on a background with the RGB color 29, 186, 239.



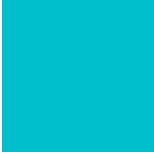
This preview shows how white text looks on a background with the RGB color 29, 186, 239.

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, 191, 205

Trichromacy



Original Color
29, 186, 239



Protanomaly
110, 175, 231



Deuteranomaly
103, 176, 242



Tritanomaly
11, 189, 217

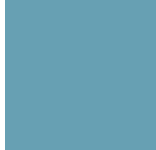
Monochromacy



Original Color
29, 186, 239



Achromatopsia
145, 145, 145



Achromatomaly
103, 160, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 29, 186, 239 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, 186, 239)` looks like.

```
.text, #text, p{  
    color:rgb(29, 186, 239)  
}
```

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, 186, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 186, 239) }
```

Border

The CSS property to change the border of an element to RGB 29, 186, 239 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, 186, 239) }
```

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

```
.border{ border-color:rgb(29, 186, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 186, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 186, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 186, 239);  
box-shadow:4px 4px 4px 4px rgb(29, 186,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 29, 186, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 186, 239) }
```

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

```
.background{ background-color: rgb(29, 186,  
239) }
```

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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