

Converting Colors

RGB(28, 204, 246)

Have a look what the booklet for
RGB(28, 204, 246) contains.

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Color

RGB(28, 204, 246)

Conversions

Conversions Part 1

Format	Color
Hex	1CCCCF6
RGB	28, 204, 246
RGB Percent	11%, 80%, 96%
CMY	0.8902, 0.2000, 0.0353
CMYK	0.89, 0.17, 0.00, 0.04
HSL	192°, 92%, 54%
HSV	192°, 89%, 96%
XYZ	38.7063, 50.0864, 94.8164
YIQ	156.1640, -118.3780, -24.2500

Conversions

Conversions Part 2

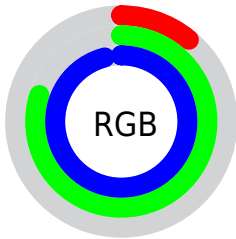
Format	Color
R _Y B	28, 125, 246
Decimal	1887478
CIE Lab	76.12, -26.47, -32.16
CIE LCh	76, 41.648, 230.541
Yxy	50.0864, 0.2108, 0.2728
Android (android.graphics.Color)	4280077558 (0xFF1CCCF6)
YUV	156.1640, 44.2891, -112.3998
Hunter-Lab	70.7718, -26.2258, -29.8935

Details

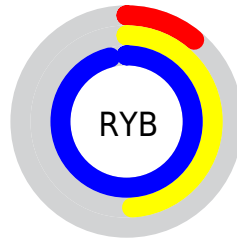
The RGB color **28, 204, 246** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **246, 70, 28**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **119, 255, 255**, and **0, 150, 190** is the 20% darker color. If you saturate the color by 10%, you get **3, 199, 246**, and if you desaturate by 10%, it is **53, 209, 246**.

Distribution



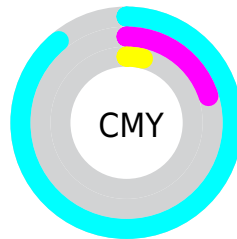
- Red (11%)
- Green (80%)
- Blue (96%)



- Red (11%)
- Yellow (49%)
- Blue (96%)



- Cyan (89%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)




















- Cyan (89%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 28, 204, 246 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 28, 204, 246 by changing the saturation by 10% instead.

 28, 204, 246	 28, 204, 246
 255, 255, 255	 0, 176, 217
 119, 255, 255	 0, 150, 190
 152, 255, 255	 0, 124, 162
 184, 255, 255	 0, 98, 136
 216, 255, 255	 0, 74, 110
 248, 255, 255	 0, 51, 86
	 0, 32, 62
	 0, 3, 40
	 0, 1, 18

■ 28, 204, 246

■ 28, 204, 246

■ 3, 199, 246

■ 53, 209, 246

■ 0, 199, 246

■ 77, 213, 246

■ 102, 218, 246

■ 126, 223, 246

■ 151, 228, 246

■ 176, 232, 246

■ 200, 237, 246

■ 225, 242, 246

■ 249, 247, 246

Harmonies

Analogous

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



21, 208, 213



28, 204, 246



109, 195, 255

Triad

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



28, 204, 246



254, 159, 202



186, 194, 114

Complementary

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



28, 204, 246



246, 70, 28

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.



224, 181, 112



28, 204, 246



255, 159, 163

Square

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



28, 204, 246



224, 168, 237



251, 168, 130



142, 203, 137

Rectangle

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



28, 204, 246



154, 187, 255



251, 168, 130



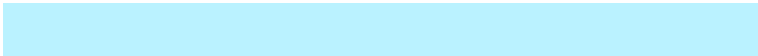
200, 190, 111

Sweetspot

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



28, 204, 246



186, 242, 255



28, 246, 68



87, 120, 128



0, 0, 0



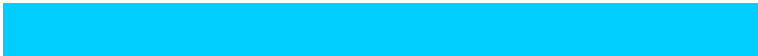
128, 128, 128

Same Dimension

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



28, 204, 246



0, 206, 255



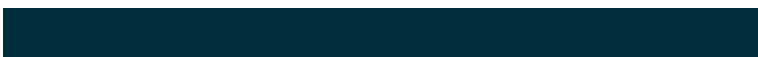
28, 97, 246



110, 120, 122



0, 150, 186



0, 47, 59

Inverse Universe

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



246, 28, 204



255, 0, 206



246, 177, 28



122, 110, 120



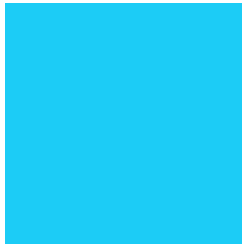
186, 0, 150



59, 0, 47

Previews

White Background



This preview shows how the RGB color 28, 204, 246 looks on a white background.

Color Contrast Check

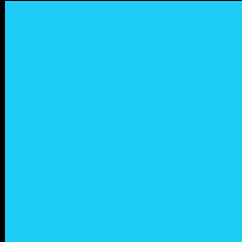
Large Text (above 18pt) WCAG AA × Fail

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 28, 204, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

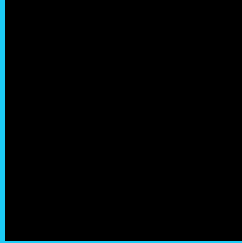
Any Text WCAG AA ✓ Pass

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 28, 204, 246 Background



This preview shows how black text looks on a background with the RGB color 28, 204, 246.

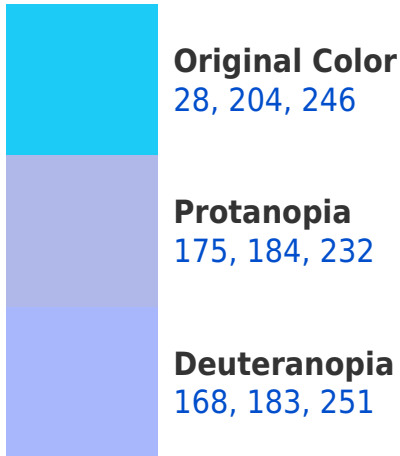


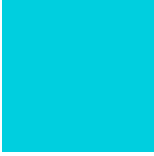
This preview shows how white text looks on a background with the RGB color 28, 204, 246.

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, 207, 223

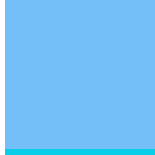
Trichromacy



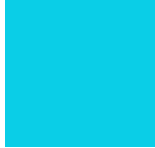
Original Color
28, 204, 246



Protanomaly
122, 191, 237



Deuteranomaly
117, 191, 249



Tritanomaly
10, 206, 231

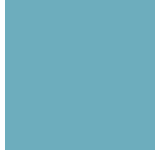
Monochromacy



Original Color
28, 204, 246



Achromatopsia
156, 156, 156



Achromatomaly
109, 173, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 28, 204, 246 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(28, 204, 246)` looks like.

```
.text, #text, p{  
    color:rgb(28, 204, 246)  
}
```

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(28, 204, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 204, 246) }
```

Border

The CSS property to change the border of an element to RGB 28, 204, 246 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(28, 204, 246) }
```

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

```
.border{ border-color:rgb(28, 204, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 204, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 204, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 204, 246);  
box-shadow:4px 4px 4px 4px rgb(28, 204,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 28, 204, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 204, 246) }
```

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

```
.background{ background-color: rgb(28, 204,  
246) }
```

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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