

Converting Colors

RGB(75, 227, 246)

Have a look what the booklet for
RGB(75, 227, 246) contains.

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Color

RGB(75, 227, 246)

Conversions

Conversions Part 1

Format	Color
Hex	4BE3F6
RGB	75, 227, 246
RGB Percent	29%, 89%, 96%
CMY	0.7059, 0.1098, 0.0353
CMYK	0.70, 0.08, 0.00, 0.04
HSL	187°, 90%, 63%
HSV	187°, 70%, 96%
XYZ	47.0053, 63.0878, 96.8885
YIQ	183.7180, -96.6910, -26.3150

Conversions

Conversions Part 2

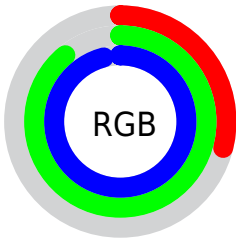
Format	Color
R _Y B	75, 155, 246
Decimal	4973558
CIE Lab	83.49, -33.43, -20.84
CIE LCh	83, 39.390, 211.937
Yxy	63.0878, 0.2271, 0.3048
Android (android.graphics.Color)	4283163638 (0xFF4BE3F6)
YUV	183.7180, 30.7050, -95.3457
Hunter-Lab	79.4279, -33.3627, -16.7242

Details

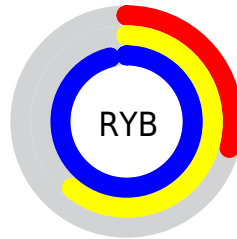
The RGB color **75, 227, 246** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **246, 94, 75**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **144, 255, 255**, and **0, 171, 190** is the 20% darker color. If you saturate the color by 10%, you get **50, 224, 246**, and if you desaturate by 10%, it is **100, 230, 246**.

Distribution



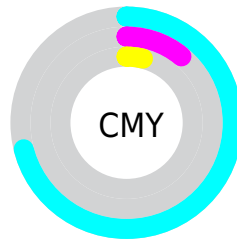
- Red (29%)
- Green (89%)
- Blue (96%)



- Red (29%)
- Yellow (61%)
- Blue (96%)



- Cyan (70%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



















- Cyan (71%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 75, 227, 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 75, 227, 246 by changing the saturation by 10% instead.

 75, 227, 246	 75, 227, 246
 255, 255, 255	 20, 199, 218
 144, 255, 255	 0, 171, 190
 176, 255, 255	 0, 144, 163
 207, 255, 255	 0, 118, 136
 239, 255, 255	 0, 93, 111
	 0, 69, 87
	 0, 46, 63
	 0, 22, 41
	 0, 1, 20

 75, 227, 246

 75, 227, 246

 50, 224, 246

 100, 230, 246

 26, 222, 246

 124, 232, 246

 1, 219, 246

 149, 235, 246

 0, 219, 246

 173, 238, 246

 198, 241, 246

 223, 243, 246

 247, 246, 246

 255, 249, 246

 255, 252, 246

Harmonies

Analogous

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



103, 228, 209



75, 227, 246



103, 221, 255

Triad

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



75, 227, 246



255, 186, 244



231, 207, 134

Complementary

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



75, 227, 246



246, 94, 75

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.



255, 194, 144



75, 227, 246



255, 180, 207

Square

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



75, 227, 246



216, 198, 255



255, 183, 171



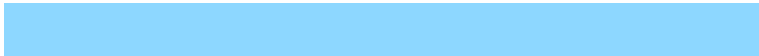
192, 218, 144

Rectangle

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



75, 227, 246



141, 215, 255



255, 183, 171



242, 202, 135

Sweetspot

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



75, 227, 246



201, 249, 255



75, 246, 92



96, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



75, 227, 246



43, 231, 255



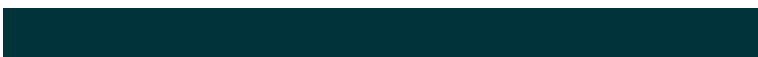
75, 143, 246



110, 121, 122



0, 165, 186



0, 52, 59

Inverse Universe

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



246, 75, 227



255, 43, 231



246, 178, 75



122, 110, 121



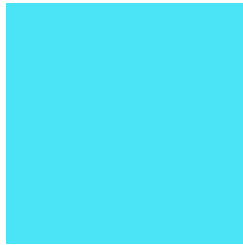
186, 0, 165



59, 0, 52

Previews

White Background



This preview shows how the RGB color 75, 227, 246 looks on a white background.

Color Contrast Check

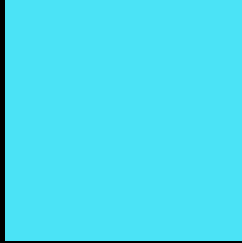
Large Text (above 18pt) WCAG AA × Fail

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 75, 227, 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 75, 227, 246 Background



This preview shows how black text looks on a background with the RGB color 75, 227, 246.

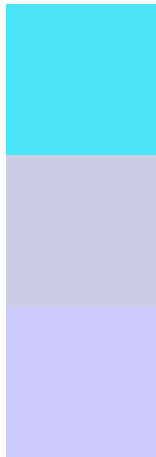


This preview shows how white text looks on a background with the RGB color 75, 227, 246.

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](#).

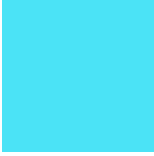
Dichromacy



Original Color
75, 227, 246

Protanopia
203, 205, 231

Deuteranopia
204, 202, 252



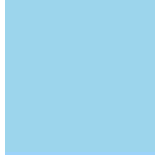
Tritanopia
75, 227, 246

Trichromacy



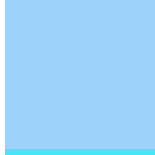
Original Color

75, 227, 246



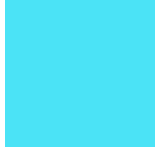
Protanomaly

156, 213, 236



Deuteranomaly

157, 211, 250



Tritanomaly

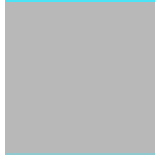
75, 227, 246

Monochromacy



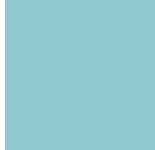
Original Color

75, 227, 246



Achromatopsia

184, 184, 184



Achromatomaly

144, 200, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 75, 227, 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(75, 227, 246)` looks like.

```
.text, #text, p{  
    color:rgb(75, 227, 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(75, 227, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 227, 246) }
```

Border

The CSS property to change the border of an element to RGB 75, 227, 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(75, 227, 246) }
```

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

```
.border{ border-color:rgb(75, 227, 246) }
```

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

Here you see how a box with a 4 pixel rgb(75, 227, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 227, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 227, 246);  
box-shadow:4px 4px 4px 4px rgb(75, 227,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 75, 227, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 227, 246) }
```

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

```
.background{ background-color: rgb(75, 227,  
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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