

# Converting Colors

Hex(54D1E6)

Have a look what the booklet for  
Hex(54D1E6) contains.

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**Color**

**Hex(54D1E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54D1E6
RGB	84, 209, 230
RGB Percent	33%, 82%, 90%
CMY	0.6706, 0.1804, 0.0980
CMYK	0.63, 0.09, 0.00, 0.10
HSL	189°, 74%, 62%
HSV	189°, 63%, 90%
XYZ	40.7395, 53.1989, 82.9841
YIQ	174.0190, -81.2410, -19.9690

# Conversions

## Conversions Part 2

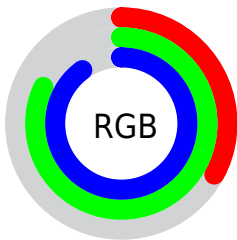
Format	Color
R <sub>Y</sub> B	84, 151, 230
Decimal	5558758
CIE Lab	77.99, -28.15, -20.63
CIE LCh	78, 34.901, 216.239
Yxy	53.1989, 0.2303, 0.3007
Android (android.graphics.Color)	4283748838 (0xFF54D1E6)
YUV	174.0190, 27.5986, -78.9467
Hunter-Lab	72.9376, -27.9390, -16.4004

# Details

The Hex color **54D1E6** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **E66954**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **94FFFF**, and **009AAE** is the 20% darker color. If you saturate the color by 10%, you get **3DCEE6**, and if you desaturate by 10%, it is **6BD4E6**.

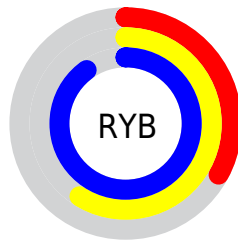
# Distribution



Red (33%)

Green (82%)

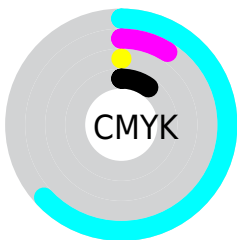
Blue (90%)



Red (33%)

Yellow (59%)

Blue (90%)

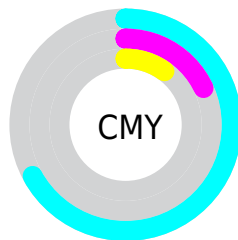


Cyan (63%)

Magenta (9%)

Yellow (0%)

Black (10%)



Cyan (67%)

Magenta (18%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54D1E6 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 Hex color 54D1E6 by changing the saturation by 10% instead.



■ 54D1E6

FFFFFF

■ 94FFFF

■ B2FFFF

■ D1FFFF

■ EFFFFF

■ 54D1E6

■ 2DB5CA

■ 009AAE

■ 008094

■ 00677A

■ 004E61

■ 003749

■ 002333

■ 00021E

■ 000000

■ 54D1E6

■ 54D1E6

■ 3DC EE6

■ 6BD4E6

■ 26CAE6

■ 82D8E6

■ 0FC7E6

■ 99DBE6

■ 00C5E6

■ B0DEE6

■ C7E2E6

■ DEE5E6

■ F5E8E6

■ FFEBE6

■ FFEFE6

# Harmonies

## Analogous

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



63D3C7



54D1E6



70CBFB

# Triad

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



54D1E6



F0ACDC



D1C180

# Complementary

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



54D1E6



E66954

# 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.



EDB686



54D1E6



FFA8BB

# Square

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



54D1E6



CEB6F5



FEAC9C



ADCA8C

# Rectangle

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



54D1E6



8FC5FF



FEAC9C



DBBD80

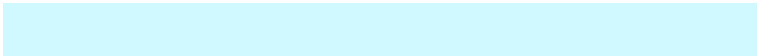


# Sweetspot

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



54D1E6



CFF8FF



54E667



627B80



000000



808080



# Same Dimension

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



54D1E6



3DE3FF



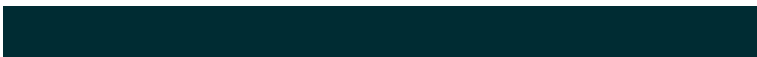
548AE6



677173



0099B3



002C33



# Inverse Universe

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



E654D1



FF3DE3



E6B054



736771



B30099

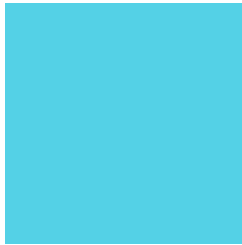


33002C



# Previews

## White Background



This preview shows how the Hex color 54D1E6 looks on a white background.

## Color Contrast Check

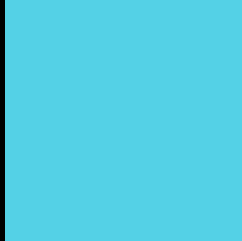
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 54D1E6 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](#).



## Hex 54D1E6 Background



This preview shows how black text looks on a background with the Hex color 54D1E6.

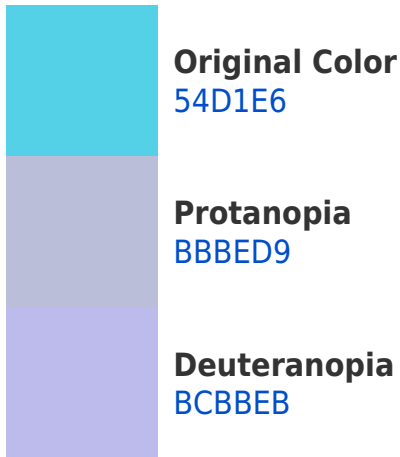


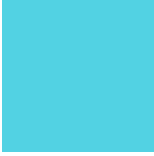
This preview shows how white text looks on a background with the Hex color 54D1E6.

# 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



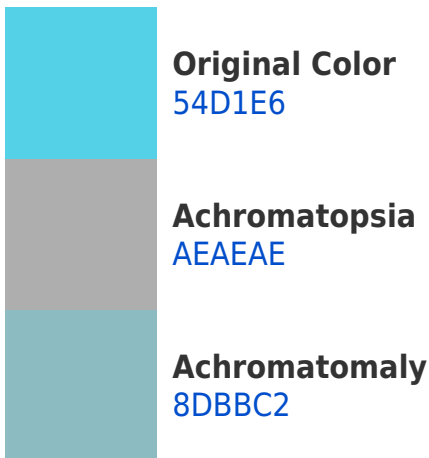


**Tritanopia**  
52D2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54D1E6 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 #54D1E6 looks like.

```
.text, #text, p{  
    color:#54D1E6  
}
```

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 #54D1E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54D1E6
}
```

## Border

The CSS property to change the border of an element to Hex 54D1E6 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
#54D1E6 }
```

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

```
.border{ border-color:#54D1E6 }
```

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

Here you see how a box with a 4 pixel #54D1E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54D1E6; -webkit-box-shadow:4px 4px  
4px 4px #54D1E6; box-shadow:4px 4px 4px  
4px #54D1E6 }
```

# Background

The CSS property to change the background color of an element to Hex 54D1E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54D1E6 }
```

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

```
.background{ background-color:#54D1E6 }
```

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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