

# Converting Colors

Hex(56ACCA)

Have a look what the booklet for  
Hex(56ACCA) contains.

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**Color**

**Hex(56ACCA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56ACCA
RGB	86, 172, 202
RGB Percent	34%, 67%, 79%
CMY	0.6627, 0.3255, 0.2078
CMYK	0.57, 0.15, 0.00, 0.21
HSL	196°, 52%, 56%
HSV	196°, 57%, 79%
XYZ	29.2509, 35.7477, 61.2354
YIQ	149.7060, -60.8860, -8.9020

# Conversions

## Conversions Part 2

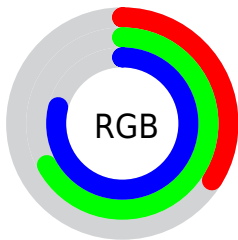
Format	Color
R <sub>Y</sub> B	86, 135, 202
Decimal	5680330
CIE Lab	66.33, -17.28, -23.14
CIE LCh	66, 28.884, 233.251
Yxy	35.7477, 0.2317, 0.2832
Android (android.graphics.Color)	4283870410 (0xFF56ACCA)
YUV	149.7060, 25.7809, -55.8702
Hunter-Lab	59.7894, -17.3034, -18.8713

# Details

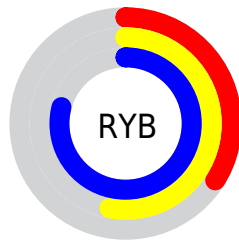
The Hex color **56ACCA** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **CA7456**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **90E3FF**, and **067894** is the 20% darker color. If you saturate the color by 10%, you get **42A7CA**, and if you desaturate by 10%, it is **6AB1CA**.

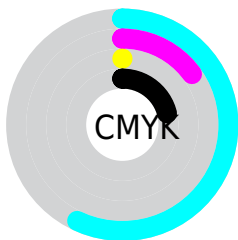
# Distribution



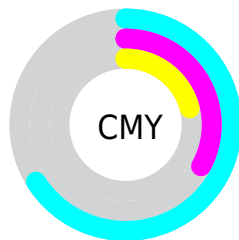
- Red (34%)
- Green (67%)
- Blue (79%)



- Red (34%)
- Yellow (53%)
- Blue (79%)



- Cyan (57%)
- Magenta (15%)
- Yellow (0%)
- Black (21%)



- Cyan (66%)
- Magenta (33%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56ACCA 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 56ACCA by changing the saturation by 10% instead.



 56ACCA

 56ACCA

FFFFFF

 3691AF

 90E3FF

 067894

 ADFFFF

 005F7A

 CBFFFF

 004761

 E8FFFF

 003049

 001D32

 00021D

 000000

 56ACCA

 56ACCA

■ 42A7CA

■ 6AB1CA

■ 2EA2CA

■ 7EB6CA

■ 199CCA

■ 93BCCA

■ 0597CA

■ A7C1CA

■ 0096CA

■ BBC6CA

■ CFCBCA

■ E3D1CA

■ F8D6CA

■ FFDBCA

# Harmonies

## Analogous

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



4FAFB5



56ACCA



77A5D4

# Triad

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



56ACCA



D08EA8



9FA671

# Complementary

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



56ACCA



CA7456

# 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.



B99E6E



56ACCA



D58F8E

# Square

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



56ACCA



BD94C1



CC9579



81AC81

# Rectangle

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



56ACCA



90A0D3



CC9579



A8A36E

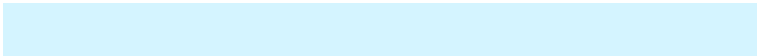


# Sweetspot

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



56ACCA



D4F4FF



56CA73



667980



000000



808080



# Same Dimension

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



56ACCA



4FD1FF



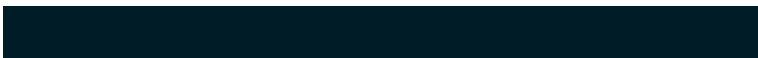
5673CA



5C6366



007BA6



001C26



# Inverse Universe

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



CA56AC



FF4FD1



CAAD56



665C63



A6007B

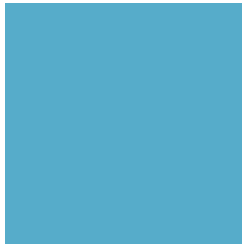


26001C



# Previews

## White Background



This preview shows how the Hex color 56ACCA looks on a white background.

## Color Contrast Check

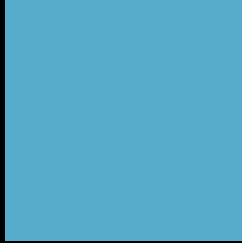
Large Text (above 18pt) WCAG AA × Fail

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 56ACCA 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 56ACCA Background



This preview shows how black text looks on a background with the Hex color 56ACCA.

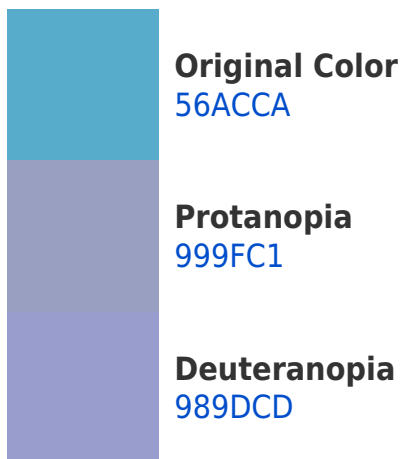


This preview shows how white text looks on a background with the Hex color 56ACCA.

# Color Blindness Simulation

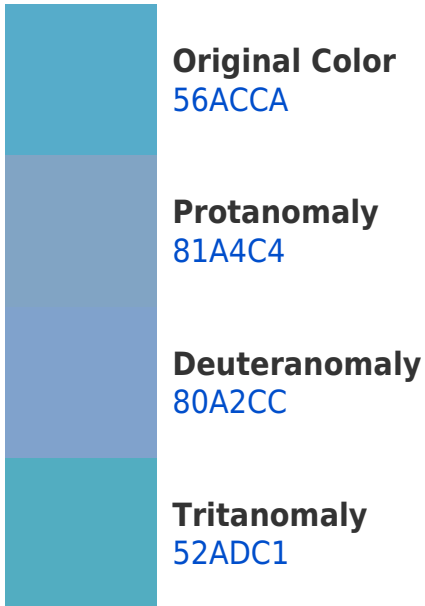
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

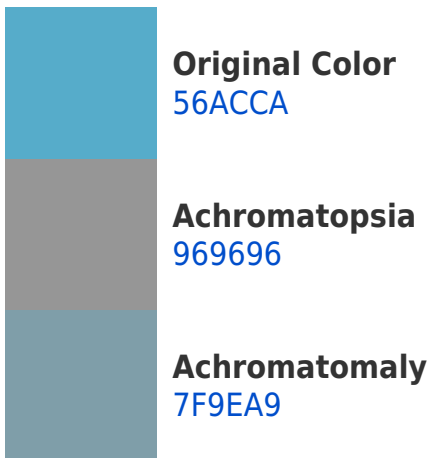




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56ACCA 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 #56ACCA looks like.

```
.text, #text, p{  
    color:#56ACCA  
}
```

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 #56ACCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56ACCA
}
```

## Border

The CSS property to change the border of an element to Hex 56ACCA 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
#56ACCA }
```

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

```
.border{ border-color:#56ACCA }
```

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

Here you see how a box with a 4 pixel #56ACCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56ACCA; -webkit-box-shadow:4px 4px  
4px 4px #56ACCA; box-shadow:4px 4px 4px  
4px #56ACCA }
```

# Background

The CSS property to change the background color of an element to Hex 56ACCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56ACCA }
```

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

```
.background{ background-color:#56ACCA }
```

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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