

Converting Colors

Hex(56DAEB)

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

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Color

Hex(56DAEB)

Conversions

Conversions Part 1

Format	Color
Hex	56DAEB
RGB	86, 218, 235
RGB Percent	34%, 85%, 92%
CMY	0.6627, 0.1451, 0.0784
CMYK	0.63, 0.07, 0.00, 0.08
HSL	187°, 79%, 63%
HSV	187°, 63%, 92%
XYZ	43.9046, 58.1194, 87.5014
YIQ	180.4700, -84.1290, -22.6970

Conversions

Conversions Part 2

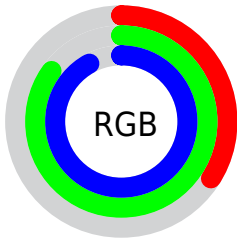
Format	Color
R_{YB}	86, 156, 235
Decimal	5692139
CIE _{Lab}	80.81, -30.75, -19.04
CIE _{LCh}	81, 36.170, 211.760
Yxy	58.1194, 0.2317, 0.3067
Android (android.graphics.Color)	4283882219 (0xFF56DAEB)
YUV	180.4700, 26.8833, -82.8502
Hunter-Lab	76.2361, -30.6145, -14.6860

Details

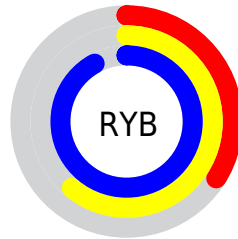
The Hex color **56DAEB** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **EB6756**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **96FFFF**, and **00A3B3** is the 20% darker color. If you saturate the color by 10%, you get **3FD7EB**, and if you desaturate by 10%, it is **6EDDEB**.

Distribution



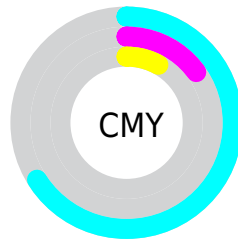
- Red (34%)
- Green (85%)
- Blue (92%)



- Red (34%)
- Yellow (61%)
- Blue (92%)



- Cyan (63%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (66%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 56DAEB

 56DAEB


FFFFFF

 2FBECF

 96FFFF

 00A3B3

 B5FFFF

 008898

 D4FFFF

 006E7F

 F3FFFF

 005665

 003E4D

 002837

 000822

 000008

■ 56DAEB

■ 56DAEB

■ 3FD7EB

■ 6EDDEB

■ 27D5EB

■ 85DFEB

■ 10D2EB

■ 9DE2EB

■ 00D0EB

■ B4E5EB

■ CCE7EB

■ E3EAEB

■ FBEDEB

■ FFEFEB

■ FFF2EB

Harmonies

Analogous

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



6CDBC9



56DAEB



6DD5FF

Triad

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



56DAEB



F5B4E9



DEC785

Complementary

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



56DAEB



EB6756

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.



FABC8E



56DAEB



FFAFC8

Square

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



56DAEB



DOBFF



FFB2A7



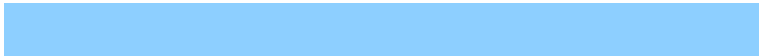
BAD18E

Rectangle

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



56DAEB



8DCFFF



FFB2A7



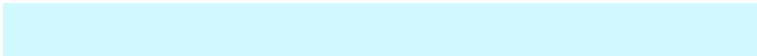
E9C386

Sweetspot

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



56DAEB



CFF9FF



56EB65



627C80



000000



808080

Same Dimension

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



56DAEB



3DE9FF



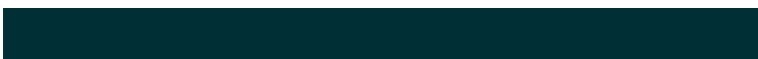
5692EB



6A7475



00A0B5



002F36

Inverse Universe

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



EB56DA



FF3DE9



EBAF56



756A74



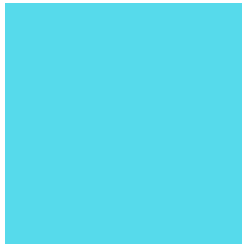
B500A0



36002F

Previews

White Background



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

Color Contrast Check

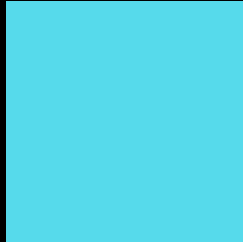
Large Text (above 18pt) WCAG AA × Fail

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 56DAEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

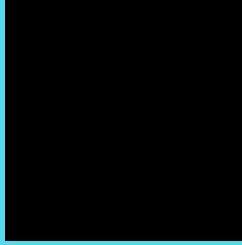
Any Text WCAG AA ✓ Pass

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 56DAEB Background



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

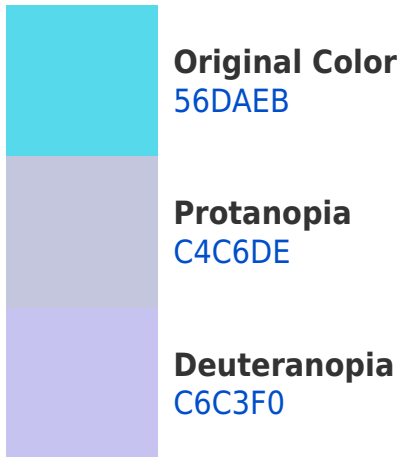


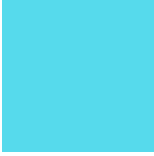
This preview shows how white text looks on a background with the Hex color 56DAEB.

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](#).

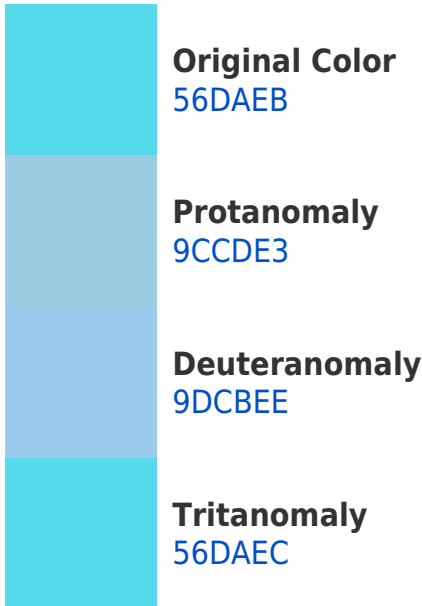
Dichromacy





Tritanopia
56DAEC

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #56DAEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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