

Converting Colors

Hex(56ABE3)

Have a look what the booklet for
Hex(56ABE3) contains.

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Color

Hex(56ABE3)

Conversions

Conversions Part 1

Format	Color
Hex	56ABE3
RGB	86, 171, 227
RGB Percent	34%, 67%, 89%
CMY	0.6627, 0.3294, 0.1098
CMYK	0.62, 0.25, 0.00, 0.11
HSL	204°, 72%, 61%
HSV	204°, 62%, 89%
XYZ	32.2658, 36.6503, 78.0467
YIQ	151.9690, -68.6360, -0.6040

Conversions

Conversions Part 2

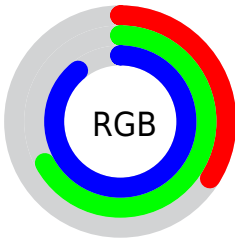
Format	Color
R _Y B	86, 139, 227
Decimal	5680099
CIE Lab	67.01, -9.02, -35.86
CIE LCh	67, 36.980, 255.878
Yxy	36.6503, 0.2196, 0.2494
Android (android.graphics.Color)	4283870179 (0xFF56ABE3)
YUV	151.9690, 36.9903, -57.8548
Hunter-Lab	60.5395, -10.8088, -34.0582

Details

The Hex color **56ABE3** 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 **E38E56**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **93E2FF**, and **0077AB** is the 20% darker color. If you saturate the color by 10%, you get **3FA2E3**, and if you desaturate by 10%, it is **6DB4E3**.

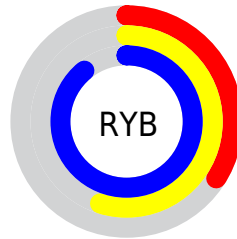
Distribution



Red (34%)

Green (67%)

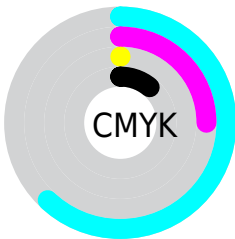
Blue (89%)



Red (34%)

Yellow (55%)

Blue (89%)

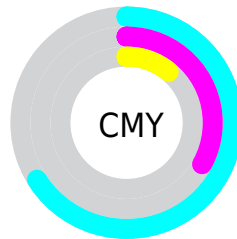


Cyan (62%)

Magenta (25%)

Yellow (0%)

Black (11%)



Cyan (66%)

Magenta (33%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56ABE3 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 56ABE3 by changing the saturation by 10% instead.

■ 56ABE3

■ 56ABE3

FFFFFF

■ 3391C7

■ 93E2FF

■ 0077AB

■ B1FFFF

■ 005E91

■ CFFFFFF

■ 004777

■ EDFFFF

■ 00315E

■ 001D46

■ 00042F

■ 000119

■ 000000

■ 56ABE3

■ 56ABE3

■ 3FA2E3

■ 6DB4E3

■ 2999E3

■ 83BDE3

■ 1290E3

■ 9AC6E3

■ 0089E3

■ B1CFE3

■ C8D8E3

■ DEE1E3

■ F5EAE3

■ FFF3E3

■ FFFCE3

Harmonies

Analogous

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



15B2D2



56ABE3



8FA0E3

Triad

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



56ABE3



E48A92



82AF74

Complementary

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



56ABE3



E38E56

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.



A7A762



56ABE3



DD9075

Square

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



56ABE3



DA8BB4



C79C63



57B492

Rectangle

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



56ABE3



AF98D9



C79C63



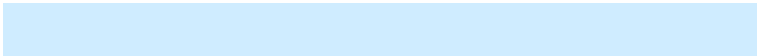
8FAD6C

Sweetspot

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



56ABE3



CFECFF



56E38C



627480



000000



808080

Same Dimension

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



56ABE3



40B3FF



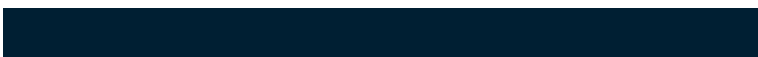
5666E3



676E73



006CB3



001F33

Inverse Universe

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



E356AB



FF40B3



E3D356



73676E



B3006C



33001F

Previews

White Background



This preview shows how the Hex color 56ABE3 looks on a white background.

Color Contrast Check

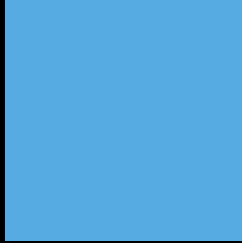
Large Text (above 18pt) WCAG AA × Fail

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 56ABE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

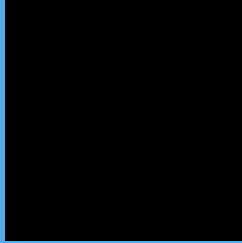
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

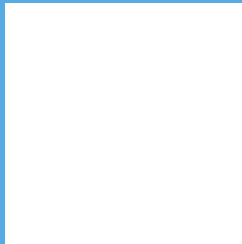
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 56ABE3 Background



This preview shows how black text looks on a background with the Hex color 56ABE3.

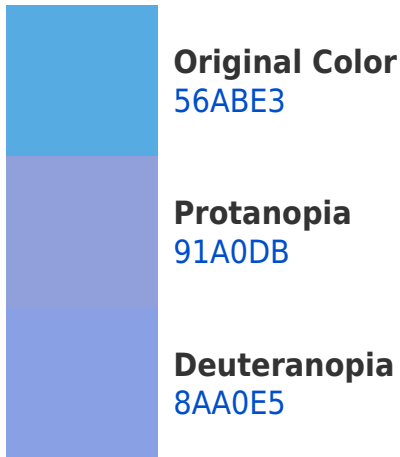


This preview shows how white text looks on a background with the Hex color 56ABE3.

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](#).

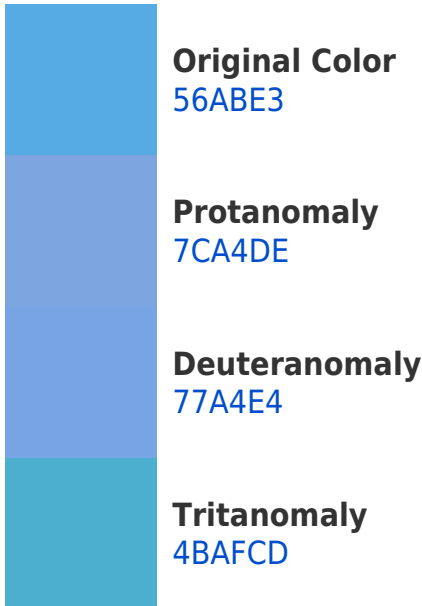
Dichromacy



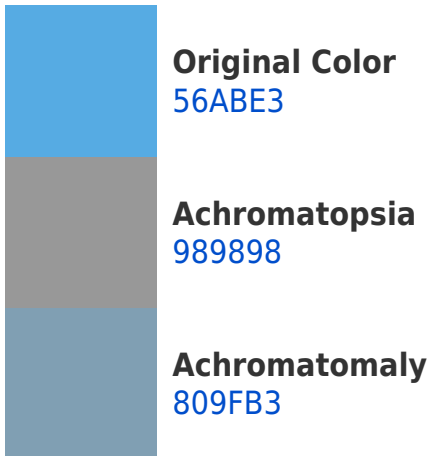


Tritanopia
45B1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56ABE3 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 #56ABE3 looks like.

```
.text, #text, p{  
    color:#56ABE3  
}
```

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 #56ABE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56ABE3
}
```

Border

The CSS property to change the border of an element to Hex 56ABE3 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
#56ABE3 }
```

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

```
.border{ border-color:#56ABE3 }
```

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

Here you see how a box with a 4 pixel #56ABE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56ABE3; -webkit-box-shadow:4px 4px  
4px 4px #56ABE3; box-shadow:4px 4px 4px  
4px #56ABE3 }
```

Background

The CSS property to change the background color of an element to Hex 56ABE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56ABE3 }
```

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

```
.background{ background-color:#56ABE3 }
```

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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