

Converting Colors

Hex(56A0C6)

Have a look what the booklet for
Hex(56A0C6) contains.

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Color

Hex(56A0C6)

Conversions

Conversions Part 1

Format	Color
Hex	56A0C6
RGB	86, 160, 198
RGB Percent	34%, 63%, 78%
CMY	0.6627, 0.3725, 0.2235
CMYK	0.57, 0.19, 0.00, 0.22
HSL	200°, 50%, 56%
HSV	200°, 57%, 78%
XYZ	26.6016, 31.1973, 58.0457
YIQ	142.2060, -56.3020, -3.8700

Conversions

Conversions Part 2

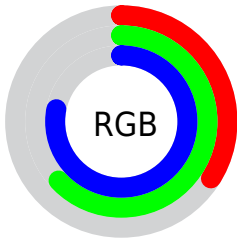
Format	Color
R _Y B	86, 131, 198
Decimal	5677254
CIE Lab	62.67, -12.05, -26.52
CIE LCh	63, 29.134, 245.564
Yxy	31.1973, 0.2296, 0.2693
Android (android.graphics.Color)	4283867334 (0xFF56A0C6)
YUV	142.2060, 27.5064, -49.2927
Hunter-Lab	55.8545, -12.7319, -22.5178

Details

The Hex color **56A0C6** 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 **C67C56**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **90D7FF**, and **0D6D90** is the 20% darker color. If you saturate the color by 10%, you get **4299C6**, and if you desaturate by 10%, it is **6AA7C6**.

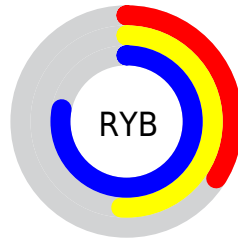
Distribution



Red (34%)

Green (63%)

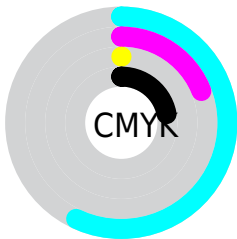
Blue (78%)



Red (34%)

Yellow (51%)

Blue (78%)

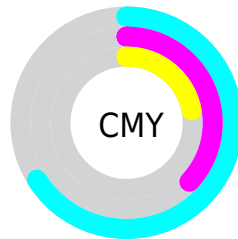


Cyan (57%)

Magenta (19%)

Yellow (0%)

Black (22%)



Cyan (66%)

Magenta (37%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56A0C6 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 56A0C6 by changing the saturation by 10% instead.

 56A0C6

 56A0C6

FFFFFF

 3786AB

 90D7FF

 0D6D90

 ACF3FF

 005476

 C9FFFF

 003D5D

 E7FFFF

 002746

 00132F

 00011A

 000000

 56A0C6

 56A0C6

■ 4299C6

■ 6AA7C6

■ 2E93C6

■ 7EADC6

■ 1B8CC6

■ 91B4C6

■ 0785C6

■ A5BBC6

■ 0083C6

■ B9C2C6

■ CDC8C6

■ E1CFC6

■ F4D6C6

■ FFDCC6

Harmonies

Analogous

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



41A5B5



56A0C6



7C98CB

Triad

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



56A0C6



CA8494



899F6D

Complementary

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



56A0C6



C67C56

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.



A59864



56A0C6



C9877B

Square

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



56A0C6



BD87AD



BB8F69



6AA481

Rectangle

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



56A0C6



9692C6



BB8F69



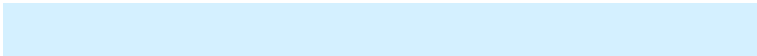
939D68

Sweetspot

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



56A0C6



D4F0FF



56C67B



667780



000000



808080

Same Dimension

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



56A0C6



52C4FF



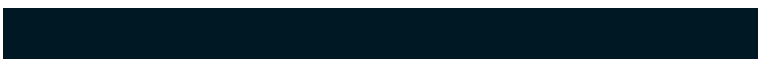
5669C6



5A6063



006CA3



001824

Inverse Universe

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



C656A0



FF52C4



C6B356



635A60



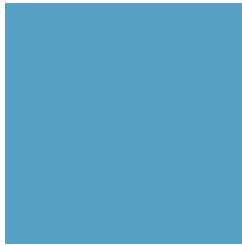
A3006C



240018

Previews

White Background



This preview shows how the Hex color 56A0C6 looks on a white background.

Color Contrast Check

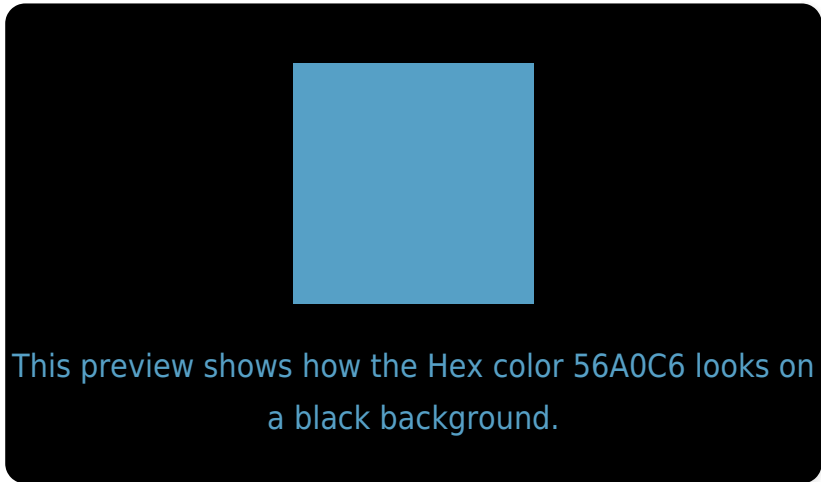
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

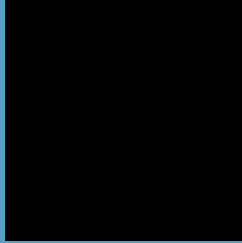
Any Text WCAG AA ✓ Pass

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 56A0C6 Background



This preview shows how black text looks on a background with the Hex color 56A0C6.

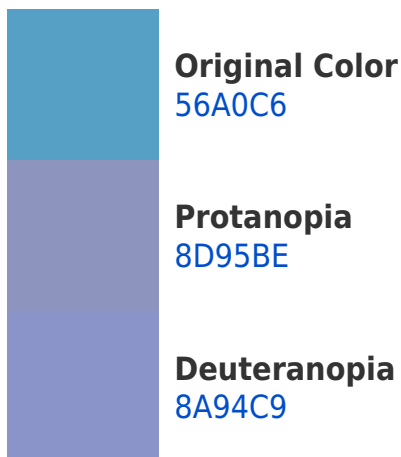


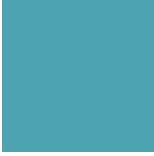
This preview shows how white text looks on a background with the Hex color 56A0C6.

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](#).

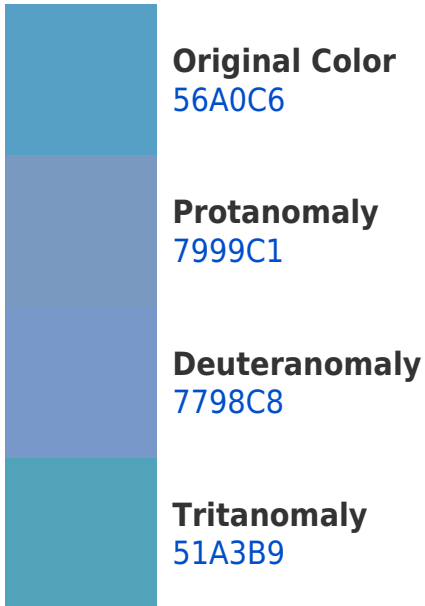
Dichromacy



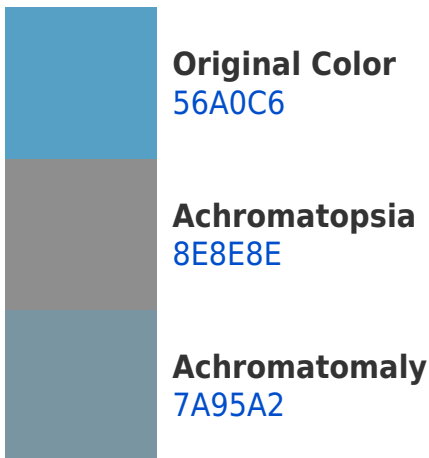


Tritanopia
4EA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56A0C6 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 #56A0C6 looks like.

```
.text, #text, p{  
    color:#56A0C6  
}
```

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 #56A0C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A0C6
}
```

Border

The CSS property to change the border of an element to Hex 56A0C6 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
#56A0C6 }
```

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

```
.border{ border-color:#56A0C6 }
```

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

Here you see how a box with a 4 pixel #56A0C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A0C6; -webkit-box-shadow:4px 4px  
4px 4px #56A0C6; box-shadow:4px 4px 4px  
4px #56A0C6 }
```

Background

The CSS property to change the background color of an element to Hex 56A0C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A0C6 }
```

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

```
.background{ background-color:#56A0C6 }
```

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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