

Converting Colors

Hex(55B6C5)

Have a look what the booklet for
Hex(55B6C5) contains.

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Color

Hex(55B6C5)

Conversions

Conversions Part 1

Format	Color
Hex	55B6C5
RGB	85, 182, 197
RGB Percent	33%, 71%, 77%
CMY	0.6667, 0.2863, 0.2275
CMYK	0.57, 0.08, 0.00, 0.23
HSL	188°, 49%, 55%
HSV	188°, 57%, 77%
XYZ	30.5523, 39.4184, 58.8216
YIQ	154.7070, -62.6270, -15.8990

Conversions

Conversions Part 2

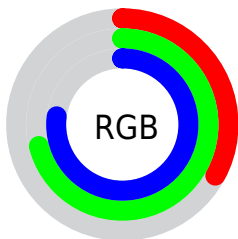
Format	Color
RYB	85, 137, 197
Decimal	5617349
CIELab	69.05, -24.10, -16.24
CIELCh	69, 29.064, 213.981
Yxy	39.4184, 0.2372, 0.3061
Android (android.graphics.Color)	4283807429 (0xFF55B6C5)
YUV	154.7070, 20.8504, -61.1330
Hunter-Lab	62.7841, -23.0096, -11.5991

Details

The Hex color **55B6C5** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C56455**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **90EEFE**, and **00818F** is the 20% darker color. If you saturate the color by 10%, you get **41B3C5**, and if you desaturate by 10%, it is **69B9C5**.

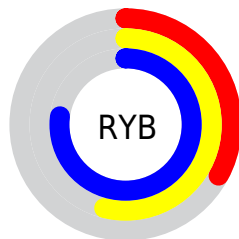
Distribution



Red (33%)

Green (71%)

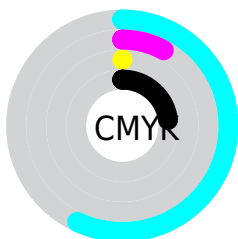
Blue (77%)



Red (33%)

Yellow (54%)

Blue (77%)

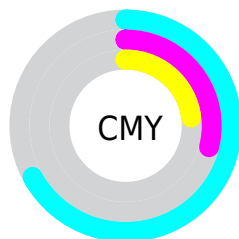


Cyan (57%)

Magenta (8%)

Yellow (0%)

Black (23%)



Cyan (67%)

Magenta (29%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55B6C5 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 55B6C5 by changing the saturation by 10% instead.

■ 55B6C5

■ 55B6C5

FFFFFF

■ 359BAA

■ 90EEFE

■ 00818F

■ ADFFFF

■ 006776

■ CAFFFF

■ 004F5D

■ E8FFFF

■ 003845

■ 00232F

■ 00011B

■ 000000

■ 55B6C5

■ 55B6C5

■ 41B3C5

■ 69B9C5

■ 2EB1C5

■ 7CBBC5

■ 1AAEC5

■ 90BEC5

■ 06ABC5

■ A4C1C5

■ 00ABC5

■ B8C3C5

■ CBC6C5

■ DFC8C5

■ F3CBC5

■ FFCEC5

Harmonies

Analogous

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



61B7AB



55B6C5



67B1D7

Triad

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



55B6C5



CD98C0



B8A874

Complementary

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



55B6C5



C56455

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.



CE9F7A



55B6C5



DC95A6

Square

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



55B6C5



B1A1D4



DC988C



9BB07C

Rectangle

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



55B6C5



7FADDC



DC988C



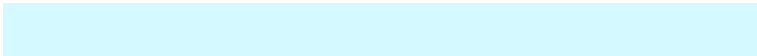
C0A574

Sweetspot

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



55B6C5



D4F9FF



55C564



667C80



000000



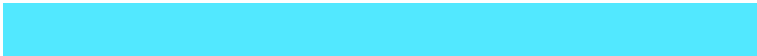
808080

Same Dimension

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



55B6C5



52E8FF



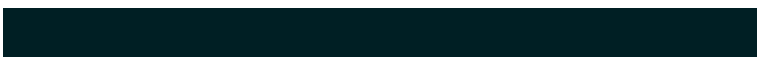
557EC5



5A6263



008DA3



001F24

Inverse Universe

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



C555B6



FF52E8



C59C55



635A62



A3008D



24001F

Previews

White Background



This preview shows how the Hex color 55B6C5 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 55B6C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

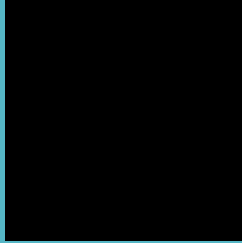
Any Text WCAG AA ✓ Pass

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 55B6C5 Background



This preview shows how black text looks on a background with the Hex color 55B6C5.

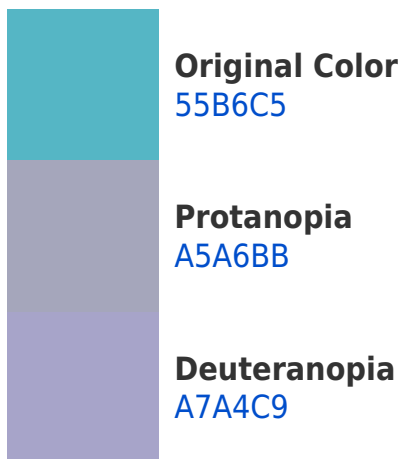


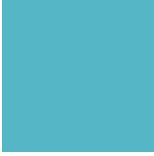
This preview shows how white text looks on a background with the Hex color 55B6C5.

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](#).

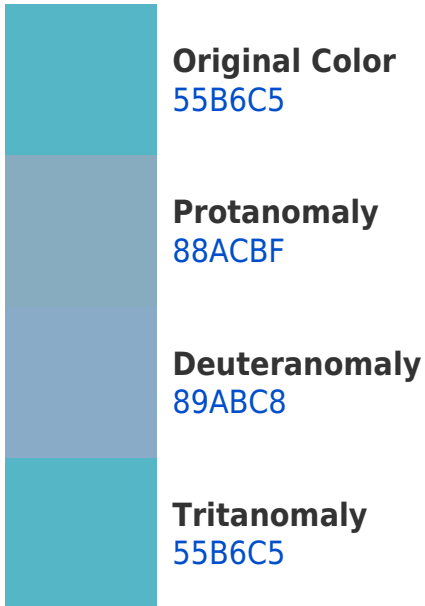
Dichromacy



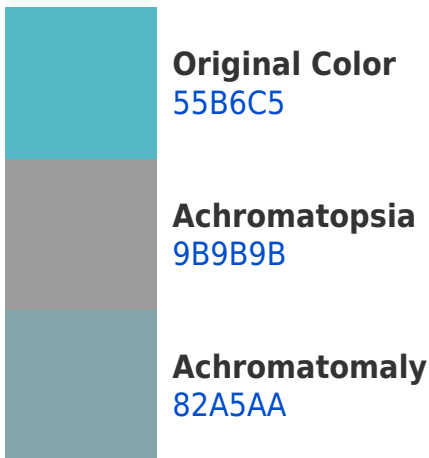


Tritanopia
55B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55B6C5 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 #55B6C5 looks like.

```
.text, #text, p{  
    color:#55B6C5  
}
```

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 #55B6C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55B6C5
}
```

Border

The CSS property to change the border of an element to Hex 55B6C5 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
#55B6C5 }
```

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

```
.border{ border-color:#55B6C5 }
```

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

Here you see how a box with a 4 pixel #55B6C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55B6C5; -webkit-box-shadow:4px 4px  
4px 4px #55B6C5; box-shadow:4px 4px 4px  
4px #55B6C5 }
```

Background

The CSS property to change the background color of an element to Hex 55B6C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55B6C5 }
```

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

```
.background{ background-color:#55B6C5 }
```

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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