

Converting Colors

Decimal(5685696)

Have a look what the booklet for
Decimal(5685696) contains.

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Color

Decimal(5685696)

Conversions

Conversions Part 1

Format	Color
Hex	56C1C0
RGB	86, 193, 192
RGB Percent	34%, 76%, 75%
CMY	0.6627, 0.2431, 0.2471
CMYK	0.55, 0.00, 0.01, 0.24
HSL	179°, 46%, 55%
HSV	179°, 55%, 76%
XYZ	32.4221, 43.9241, 56.6386
YIQ	160.8930, -63.4510, -22.9950

Conversions

Conversions Part 2

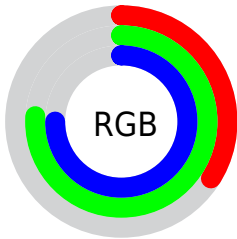
Format	Color
RYB	86, 140, 193
Decimal	5685696
CIELab	72.18, -30.72, -8.82
CIELCh	72, 31.958, 196.015
Yxy	43.9241, 0.2438, 0.3303
Android (android.graphics.Color)	4283875776 (0xFF56C1C0)
YUV	160.8930, 15.3358, -65.6812
Hunter-Lab	66.2753, -28.6588, -4.2763

Details

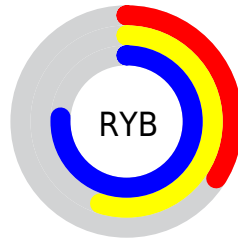
The Decimal color **5685696** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **12670551**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **9566968**, and **35723** is the 20% darker color. If you saturate the color by 10%, you get **4440512**, and if you desaturate by 10%, it is **6930880**.

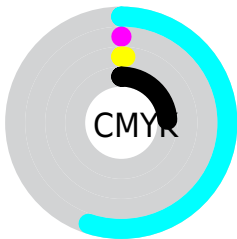
Distribution



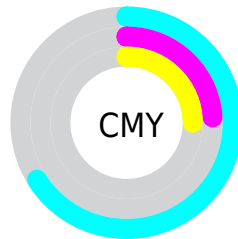
- Red (34%)
- Green (76%)
- Blue (75%)



- Red (34%)
- Yellow (55%)
- Blue (76%)



- Cyan (55%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (66%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5685696 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 Decimal color 5685696 by changing the saturation by 10% instead.

■ 5685696

■ 5685696

16777215

■ 3581605

■ 9566968

■ 35723

■ 11468799

■ 29041

■ 13434879

■ 22617

■ 15400959

■ 16449

■ 10795

■ 3863

■ 0

■ 5685696

■ 5685696

■ 4440512

■ 6930880

■ 3129792

■ 8241600

■ 1884607

■ 9486785

■ 639423

■ 10731969

■ 49599

■ 12042689

■ 13287873

■ 14533057

■ 15778241

■ 16761282

Harmonies

Analogous

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



7520418



5685696



5619418

Triad

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



5685696



13149402



13806201

Complementary

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



5685696



12670551

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.



15049096



5685696



14851520

Square

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



5685696



10661609



15440802



11908216

Rectangle

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



5685696



6863590



15440802



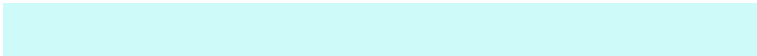
14264188

Sweetspot

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



5685696



13630202



5816662



6585725



16579836



8224125

Same Dimension

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



5685696



5438200



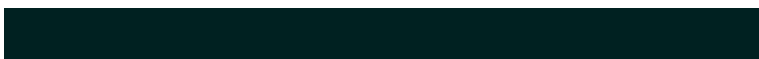
5672385



5726561



41375



8481

Inverse Universe

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



12670551



16405076



12683862



6379351



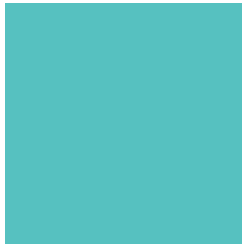
10551298



2162688

Previews

White Background



This preview shows how the Decimal color 5685696 looks on a white background.

Color Contrast Check

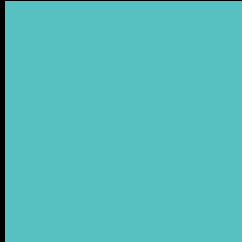
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 5685696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

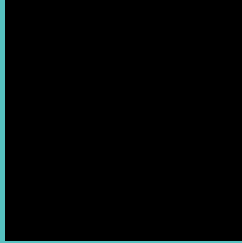
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

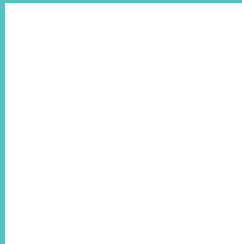
Any Text WCAG AAA ✓ Pass

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

Decimal 5685696 Background



This preview shows how black text looks on a background with the Decimal color 5685696.



This preview shows how white text looks on a background with the Decimal color 5685696.

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
6078414

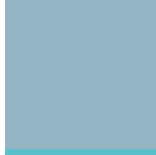
Trichromacy



Original Color
5685696



Protanomaly
9483961



Deuteranomaly
9745347

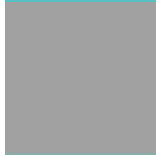


Tritanomaly
5947593

Monochromacy



Original Color
5685696



Achromatopsia
10592673



Achromatomaly
8826284

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5685696 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 #56C1C0 looks like.

```
.text, #text, p{  
    color:#56C1C0  
}
```

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 #56C1C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56C1C0
}
```

Border

The CSS property to change the border of an element to Decimal 5685696 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
#56C1C0 }
```

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

```
.border{ border-color:#56C1C0 }
```

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

Here you see how a box with a 4 pixel #56C1C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56C1C0; -webkit-box-shadow:4px 4px  
4px 4px #56C1C0; box-shadow:4px 4px 4px  
4px #56C1C0 }
```

Background

The CSS property to change the background color of an element to Decimal 5685696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56C1C0 }
```

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

```
.background{ background-color:#56C1C0 }
```

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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