

Converting Colors

Decimal(5616310)

Have a look what the booklet for
Decimal(5616310) contains.

Decimal(5616310)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5616310)

Conversions

Conversions Part 1

Format	Color
Hex	55B2B6
RGB	85, 178, 182
RGB Percent	33%, 70%, 71%
CMY	0.6667, 0.3020, 0.2863
CMYK	0.53, 0.02, 0.00, 0.29
HSL	182°, 40%, 52%
HSV	182°, 53%, 71%
XYZ	28.1102, 37.1495, 49.9450
YIQ	150.6490, -56.7120, -18.4720

Conversions

Conversions Part 2

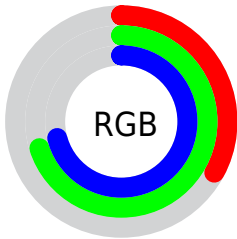
Format	Color
RYB	85, 132, 182
Decimal	5616310
CIELab	67.39, -26.31, -10.47
CIELCh	67, 28.314, 201.701
Yxy	37.1495, 0.2440, 0.3225
Android (android.graphics.Color)	4283806390 (0xFF55B2B6)
YUV	150.6490, 15.4560, -57.5742
Hunter-Lab	60.9504, -24.3393, -5.9191

Details

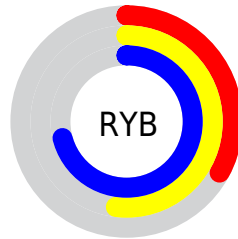
The Decimal color **5616310** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **11950421**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **9366254**, and **818561** is the 20% darker color. If you saturate the color by 10%, you get **4436406**, and if you desaturate by 10%, it is **6796214**.

Distribution



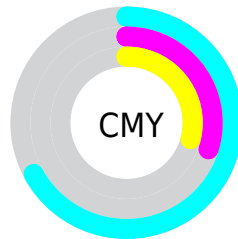
- Red (33%)
- Green (70%)
- Blue (71%)



- Red (33%)
- Yellow (52%)
- Blue (71%)



- Cyan (53%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (67%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5616310 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 5616310 by changing the saturation by 10% instead.

■ 5616310

■ 5616310

16777215

■ 3577755

■ 9366254

■ 818561

■ 11272191

■ 25704

■ 13172735

■ 19280

■ 15138815

■ 13369

■ 8228

■ 270

■ 0

■ 5616310

■ 5616310

4436406

6796214

3256502

7976118

2011318

9221302

831414

10401206

44726

11581110

12761014

13940662

15186102

16366006

Harmonies

Analogous

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



6927004



5616310



5943243

Triad

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



5616310



12490692



12427378

Complementary

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



5616310



11950421

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.



13604989



5616310



13800108

Square

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



5616310



10395859



14127762



10725492

Rectangle

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



5616310



7187412



14127762



12885364

Sweetspot

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



5616310



13102317



5617240



6387576



16250871



7895160

Same Dimension

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



5616310



5629933



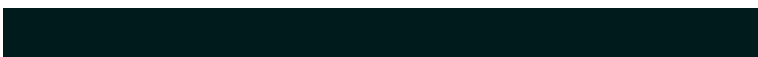
5604022



5462876



38300



6940

Inverse Universe

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



11949490



15554023



11962709



6050651



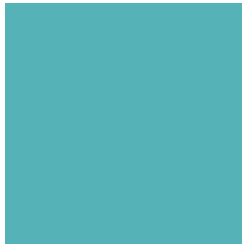
10223765



1835035

Previews

White Background



This preview shows how the Decimal color 5616310 looks on a white background.

Color Contrast Check

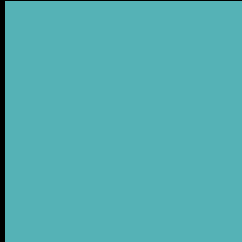
Large Text (above 18pt) WCAG AA × Fail

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 5616310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

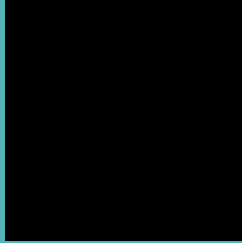
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

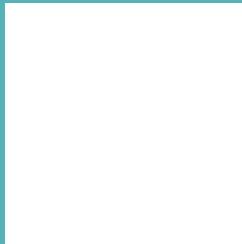
Any Text WCAG AAA ✓ Pass

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

Decimal 5616310 Background



This preview shows how black text looks on a background with the Decimal color 5616310.



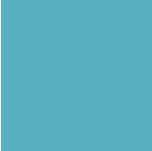
This preview shows how white text looks on a background with the Decimal color 5616310.

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



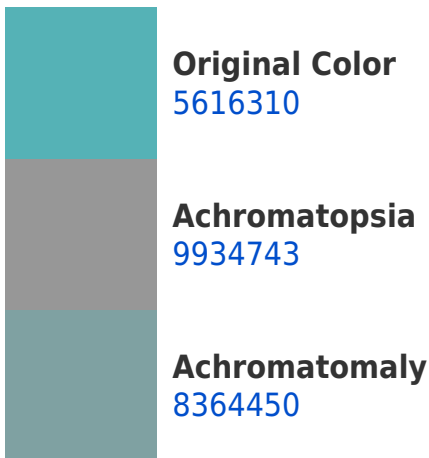


Tritanopia
5812671

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5616310 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 #55B2B6 looks like.

```
.text, #text, p{  
    color:#55B2B6  
}
```

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 #55B2B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55B2B6
}
```

Border

The CSS property to change the border of an element to Decimal 5616310 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
#55B2B6 }
```

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

```
.border{ border-color:#55B2B6 }
```

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

Here you see how a box with a 4 pixel #55B2B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55B2B6; -webkit-box-shadow:4px 4px  
4px 4px #55B2B6; box-shadow:4px 4px 4px  
4px #55B2B6 }
```

Background

The CSS property to change the background color of an element to Decimal 5616310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55B2B6 }
```

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

```
.background{ background-color:#55B2B6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor