

Converting Colors

Decimal(5617593)

Have a look what the booklet for
Decimal(5617593) contains.

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Color

Decimal(5617593)

Conversions

Conversions Part 1

Format	Color
Hex	55B7B9
RGB	85, 183, 185
RGB Percent	33%, 72%, 73%
CMY	0.6667, 0.2824, 0.2745
CMYK	0.54, 0.01, 0.00, 0.27
HSL	181°, 42%, 53%
HSV	181°, 54%, 73%
XYZ	29.4368, 39.3010, 51.9333
YIQ	153.9260, -59.0500, -20.1540

Conversions

Conversions Part 2

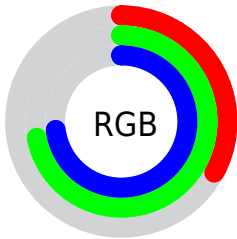
Format	Color
R _Y B	85, 134, 185
Decimal	5617593
CIE Lab	68.97, -27.96, -9.77
CIE LCh	69, 29.613, 199.256
Yxy	39.3010, 0.2439, 0.3257
Android (android.graphics.Color)	4283807673 (0xFF55B7B9)
YUV	153.9260, 15.3195, -60.4481
Hunter-Lab	62.6905, -25.8926, -5.2329

Details

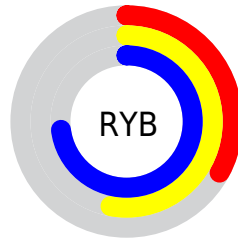
The Decimal color **5617593** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **12146517**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **9433073**, and **492164** is the 20% darker color. If you saturate the color by 10%, you get **4372409**, and if you desaturate by 10%, it is **6862777**.

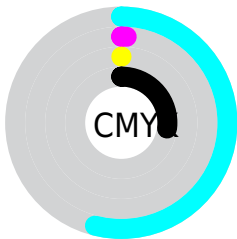
Distribution



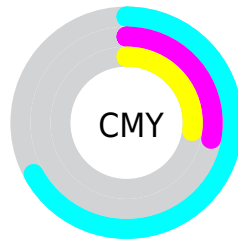
- Red (33%)
- Green (72%)
- Blue (73%)



- Red (33%)
- Yellow (53%)
- Blue (73%)



- Cyan (54%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)



- Cyan (67%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5617593 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 5617593 by changing the saturation by 10% instead.

■ 5617593

■ 5617593

16777215

■ 3579038

■ 9433073

■ 492164

■ 11337727

■ 26731

■ 13238271

■ 20563

■ 15204351

■ 14396

■ 8998

■ 274

■ 0

■ 5617593

■ 5617593

■ 4372409

■ 6862777

■ 3192505

■ 8042681

■ 1947321

■ 9287865

■ 767673

■ 10467513

■ 46521

■ 11712953

■ 12892601

■ 14072505

■ 15317689

■ 16562873

Harmonies

Analogous

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



7124893



5617593



5813456

Triad

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



5617593



12688588



12886900

Complementary

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



5617593



12146517

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.



14130049



5617593



14128563

Square

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



5617593



10462683



14587288



11119733

Rectangle

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



5617593



7057626



14587288



13344887

Sweetspot

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



5617593



13234160



5618007



6387576



16250871



7895160

Same Dimension

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



5617593



5565936



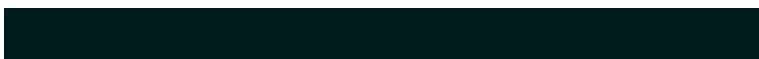
5604793



5463132



39068



6940

Inverse Universe

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



12146103



15750381



12159317



6050652



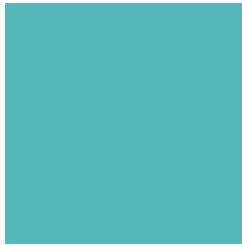
10223768



1835035

Previews

White Background



This preview shows how the Decimal color 5617593 looks on a white background.

Color Contrast Check

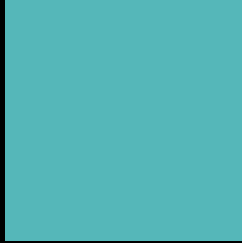
Large Text (above 18pt) WCAG AA × Fail

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 5617593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

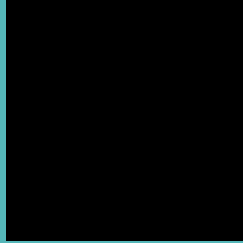
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

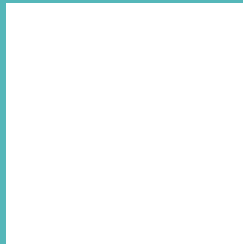
Any Text WCAG AAA ✓ Pass

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

Decimal 5617593 Background



This preview shows how black text looks on a background with the Decimal color 5617593.

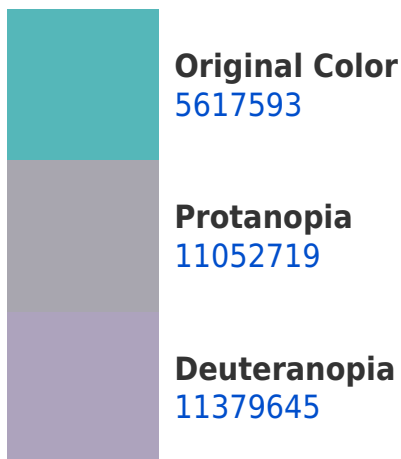


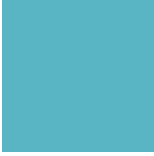
This preview shows how white text looks on a background with the Decimal color 5617593.

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



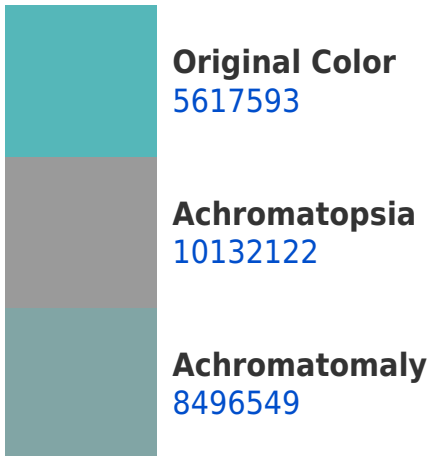


Tritanopia
5879236

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5617593 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 #55B7B9 looks like.

```
.text, #text, p{  
    color:#55B7B9  
}
```

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 #55B7B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55B7B9
}
```

Border

The CSS property to change the border of an element to Decimal 5617593 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
#55B7B9 }
```

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

```
.border{ border-color:#55B7B9 }
```

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

Here you see how a box with a 4 pixel #55B7B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55B7B9; -webkit-box-shadow:4px 4px  
4px 4px #55B7B9; box-shadow:4px 4px 4px  
4px #55B7B9 }
```

Background

The CSS property to change the background color of an element to Decimal 5617593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55B7B9 }
```

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

```
.background{ background-color:#55B7B9 }
```

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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