

Converting Colors

Decimal(3584963)

Have a look what the booklet for
Decimal(3584963) contains.

Decimal(3584963)	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(3584963)

Conversions

Conversions Part 1

Format	Color
Hex	36B3C3
RGB	54, 179, 195
RGB Percent	21%, 70%, 76%
CMY	0.7882, 0.2980, 0.2353
CMYK	0.72, 0.08, 0.00, 0.24
HSL	187°, 57%, 49%
HSV	187°, 72%, 76%
XYZ	27.4917, 36.9646, 57.3157
YIQ	143.4490, -79.6360, -21.5240

Conversions

Conversions Part 2

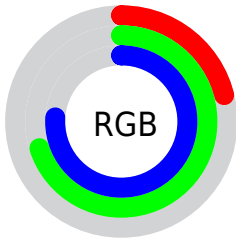
Format	Color
RYB	54, 120, 195
Decimal	3584963
CIELab	67.25, -28.17, -17.95
CIElCh	67, 33.404, 212.505
Yxy	36.9646, 0.2258, 0.3036
Android (android.graphics.Color)	4281775043 (0xFF36B3C3)
YUV	143.4490, 25.4146, -78.4468
Hunter-Lab	60.7985, -25.6837, -13.3346

Details

The Decimal color **3584963** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **12797494**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **7990268**, and **32397** is the 20% darker color. If you saturate the color by 10%, you get **2339267**, and if you desaturate by 10%, it is **4896195**.

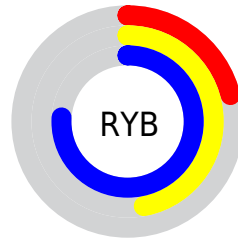
Distribution



Red (21%)

Green (70%)

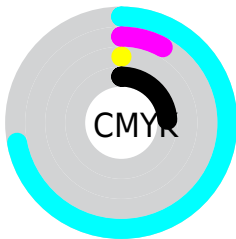
Blue (76%)



Red (21%)

Yellow (47%)

Blue (76%)

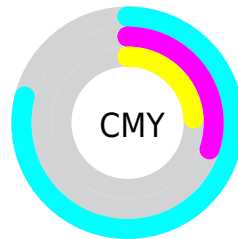


Cyan (72%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (79%)

Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3584963 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 3584963 by changing the saturation by 10% instead.



3584963



3584963

16777215



39080



7990268



32397



9961471



25972



11927551



19547



13893631



13636



15925247



8493



281



0



3584963



3584963

■ 2339267

■ 4896195

■ 1028035

■ 6141891

■ 44483

■ 7387843

■ 8699075

■ 10010307

■ 11256003

■ 12501699

■ 13813187

■ 15124419

Harmonies

Analogous

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



5092517



3584963



5222104

Triad

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



3584963



13406656



11969383

Complementary

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



3584963



12797494

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.



13604975



3584963



14519714

Square

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



3584963



11246550



14520453



9874544

Rectangle

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



3584963



7252447



14520453



12558184

Sweetspot

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



3584963



12973820



3588932



6192256



0



8421504

Same Dimension

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



3584963



2221308



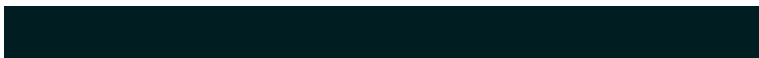
3567299



5726305



36513



7457

Inverse Universe

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



12793523



16523748



12815158



6379360



10551438



2162717

Previews

White Background



This preview shows how the Decimal color 3584963 looks on a white background.

Color Contrast Check

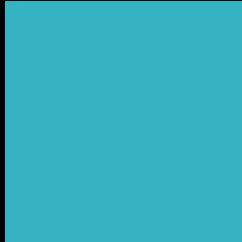
Large Text (above 18pt) WCAG AA × Fail

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 3584963 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 3584963 Background



This preview shows how black text looks on a background with the Decimal color 3584963.



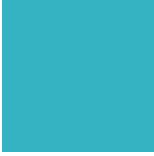
This preview shows how white text looks on a background with the Decimal color 3584963.

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



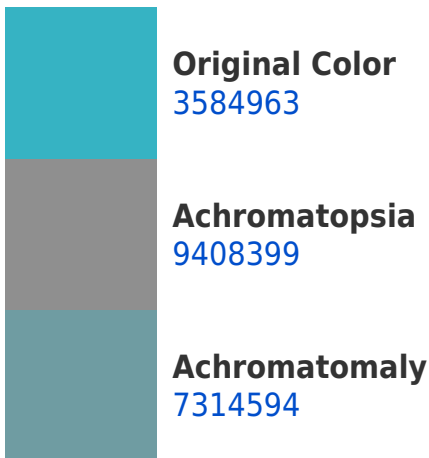


Tritanopia
3519426

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3584963 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 #36B3C3 looks like.

```
.text, #text, p{  
    color:#36B3C3  
}
```

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 #36B3C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36B3C3
}
```

Border

The CSS property to change the border of an element to Decimal 3584963 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
#36B3C3 }
```

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

```
.border{ border-color:#36B3C3 }
```

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

Here you see how a box with a 4 pixel #36B3C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36B3C3; -webkit-box-shadow:4px 4px  
4px 4px #36B3C3; box-shadow:4px 4px 4px  
4px #36B3C3 }
```

Background

The CSS property to change the background color of an element to Decimal 3584963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36B3C3 }
```

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

```
.background{ background-color:#36B3C3 }
```

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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