

# Converting Colors

Decimal(3585994)

Have a look what the booklet for  
Decimal(3585994) contains.

<b>Decimal(3585994)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(3585994)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36B7CA
RGB	54, 183, 202
RGB Percent	21%, 72%, 79%
CMY	0.7882, 0.2824, 0.2078
CMYK	0.73, 0.09, 0.00, 0.21
HSL	188°, 58%, 50%
HSV	188°, 73%, 79%
XYZ	29.1155, 38.9155, 61.8540
YIQ	146.5950, -82.9830, -21.4390

# Conversions

## Conversions Part 2

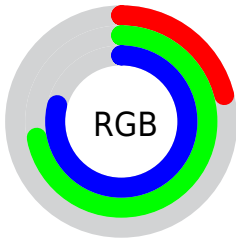
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	54, 123, 202
Decimal	3585994
CIE <sub>Lab</sub>	68.69, -27.99, -19.62
CIE <sub>LCh</sub>	69, 34.183, 215.033
Yxy	38.9155, 0.2242, 0.2996
Android (android.graphics.Color)	4281776074 (0xFF36B7CA)
YUV	146.5950, 27.3147, -81.2058
Hunter-Lab	62.3823, -25.8583, -15.1203

# Details

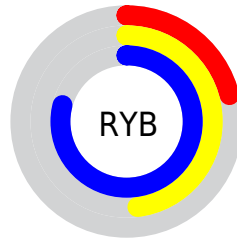
The Decimal color **3585994** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **13257014**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **8056831**, and **33428** is the 20% darker color. If you saturate the color by 10%, you get **2274506**, and if you desaturate by 10%, it is **4897482**.

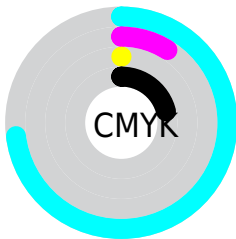
# Distribution



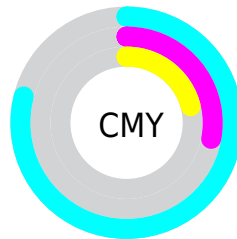
- Red (21%)
- Green (72%)
- Blue (79%)



- Red (21%)
- Yellow (48%)
- Blue (79%)



- Cyan (73%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)



- Cyan (79%)
- Magenta (28%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3585994 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 3585994 by changing the saturation by 10% instead.





3585994



3585994

16777215



40111



8056831



33428



10092543



26746



12058623



20577



14024703



14409



16056319



9011



542



0



3585994



3585994

■ 2274506

■ 4897482

■ 963274

■ 6208714

■ 45258

■ 7585738

■ 8896970

■ 10208458

■ 11519946

■ 12831178

■ 14208202

■ 15519434

# Harmonies

## Analogous

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



4962476



3585994



5485279

# Triad

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



3585994



13866178



12035945

# Complementary

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



3585994



13257014

# 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.



13802864



3585994



14913699

# Square

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



3585994



11706074



14849158



9875572

# Rectangle

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



3585994



7646437



14849158



12690538

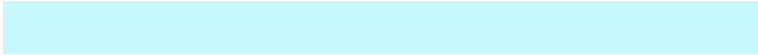


# Sweetspot

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



3585994



13105407



3590727



6192000



0



8421504

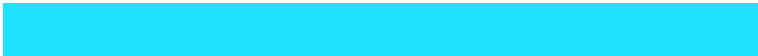


# Same Dimension

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



3585994



2089727



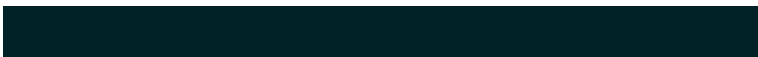
3567562



6055270



37030



8486



# Inverse Universe

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



13252279



16719842



13275446



6708325



10879120

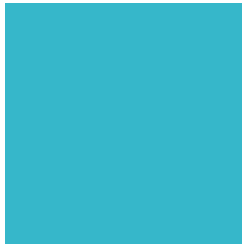


2490401



# Previews

## White Background



This preview shows how the Decimal color 3585994 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 3585994 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 3585994 Background



This preview shows how black text looks on a background with the Decimal color 3585994.

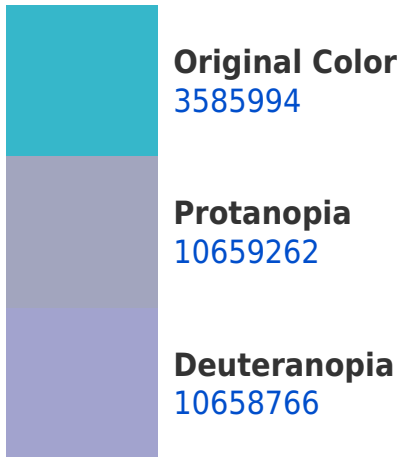


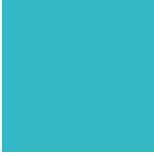
This preview shows how white text looks on a background with the Decimal color 3585994.

# 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**  
3389638

# Trichromacy



**Original Color**  
3585994



**Protanomaly**  
8105154



**Deuteranomaly**  
8104653



**Tritanomaly**  
3455175

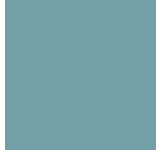
# Monochromacy



**Original Color**  
3585994



**Achromatopsia**  
9671571



**Achromatomaly**  
7446695

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3585994 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 #36B7CA looks like.

```
.text, #text, p{  
    color:#36B7CA  
}
```

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 #36B7CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36B7CA
}
```

## Border

The CSS property to change the border of an element to Decimal 3585994 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
#36B7CA }
```

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

```
.border{ border-color:#36B7CA }
```

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

Here you see how a box with a 4 pixel #36B7CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36B7CA; -webkit-box-shadow:4px 4px  
4px 4px #36B7CA; box-shadow:4px 4px 4px  
4px #36B7CA }
```

# Background

The CSS property to change the background color of an element to Decimal 3585994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36B7CA }
```

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

```
.background{ background-color:#36B7CA }
```

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