

# Converting Colors

Decimal(5891016)

Have a look what the booklet for  
Decimal(5891016) contains.

<b>Decimal(5891016)</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(5891016)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59E3C8
RGB	89, 227, 200
RGB Percent	35%, 89%, 78%
CMY	0.6510, 0.1098, 0.2157
CMYK	0.61, 0.00, 0.12, 0.11
HSL	168°, 71%, 62%
HSV	168°, 61%, 89%
XYZ	42.0142, 61.2321, 64.2482
YIQ	182.6600, -73.5810, -37.6530

# Conversions

## Conversions Part 2

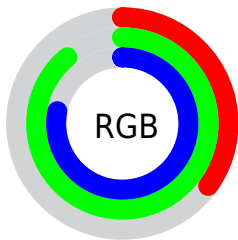
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 165, 227
Decimal	5891016
CIELab	82.50, -43.70, 2.08
CIElCh	83, 43.752, 177.271
Yxy	61.2321, 0.2508, 0.3656
Android (android.graphics.Color)	4284081096 (0xFF59E3C8)
YUV	182.6600, 8.5486, -82.1398
Hunter-Lab	78.2510, -41.0996, 6.0955

# Details

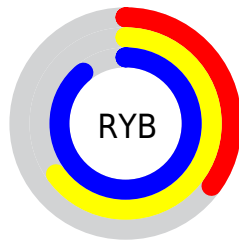
The Decimal color **5891016** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **14899572**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **9961471**, and **43922** is the 20% darker color. If you saturate the color by 10%, you get **4383684**, and if you desaturate by 10%, it is **7398348**.

# Distribution



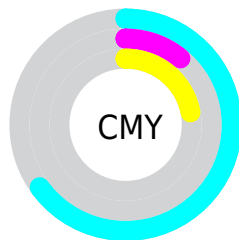
- Red (35%)
- Green (89%)
- Blue (78%)



- Red (35%)
- Yellow (65%)
- Blue (89%)



- Cyan (61%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (65%)
- Magenta (11%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5891016 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 5891016 by changing the saturation by 10% instead.



5891016

5891016

16777215

3524525

9961471

43922

11993087

36984

13959167

30048

15925247

23624

17202

11549

4100

0

■ 5891016

■ 5891016

■ 4383684

■ 7398348

■ 2941887

■ 8840145

■ 1434555

■ 10347477

■ 58295

■ 11854810

■ 13362142

■ 14803939

■ 16311271

■ 16770028

■ 16770032

# Harmonies

## Analogous

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



9559968



5891016



1500146

# Triad

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



5891016



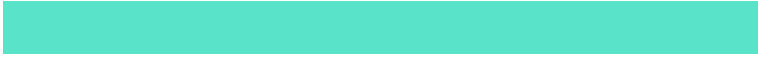
13485311



16759689

# Complementary

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



5891016



14899572

# 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.



16756906



5891016



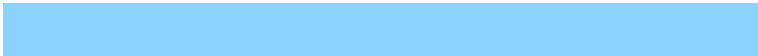
16692986

# Square

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



5891016



9163775



16756435



15518331

# Rectangle

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



5891016



2351103



16756435



16758675

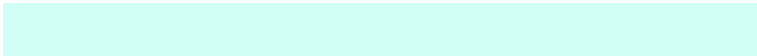


# Sweetspot

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



5891016



13762550



7725913



6520954



0



8421504



# Same Dimension

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



5891016



4587483



5880547



6779761



45968



13097



# Inverse Universe

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



14899572



16729449



14910041



7563114



11730979

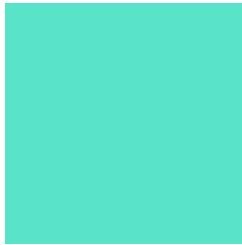


3342346



# Previews

## White Background



This preview shows how the Decimal color 5891016 looks on a white background.

## Color Contrast Check

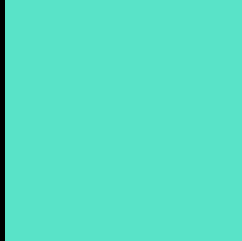
Large Text (above 18pt) WCAG AA × Fail

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 5891016 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 5891016 Background



This preview shows how black text looks on a background with the Decimal color 5891016.



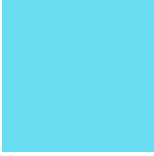
This preview shows how white text looks on a background with the Decimal color 5891016.

# 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



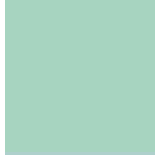


**Tritanopia**  
6872559

# Trichromacy



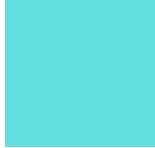
**Original Color**  
5891016



**Protanomaly**  
10998976



**Deuteranomaly**  
11456716

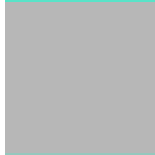


**Tritanomaly**  
6545377

# Monochromacy



**Original Color**  
5891016



**Achromatopsia**  
12040119



**Achromatomaly**  
9815997

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5891016 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 #59E3C8 looks like.

```
.text, #text, p{  
    color:#59E3C8  
}
```

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 #59E3C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59E3C8
}
```

## Border

The CSS property to change the border of an element to Decimal 5891016 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
#59E3C8 }
```

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

```
.border{ border-color:#59E3C8 }
```

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

Here you see how a box with a 4 pixel #59E3C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59E3C8; -webkit-box-shadow:4px 4px  
4px 4px #59E3C8; box-shadow:4px 4px 4px  
4px #59E3C8 }
```

# Background

The CSS property to change the background color of an element to Decimal 5891016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59E3C8 }
```

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

```
.background{ background-color:#59E3C8 }
```

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