

Converting Colors

Decimal(5893320)

Have a look what the booklet for
Decimal(5893320) contains.

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Color

Decimal(5893320)

Conversions

Conversions Part 1

Format	Color
Hex	59ECC8
RGB	89, 236, 200
RGB Percent	35%, 93%, 78%
CMY	0.6510, 0.0745, 0.2157
CMYK	0.62, 0.00, 0.15, 0.07
HSL	165°, 79%, 64%
HSV	165°, 62%, 93%
XYZ	44.5406, 66.2849, 65.0903
YIQ	187.9430, -76.0560, -42.3600

Conversions

Conversions Part 2

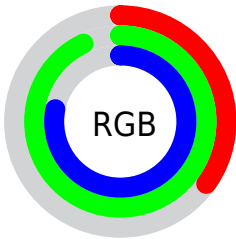
Format	Color
RYB	89, 173, 236
Decimal	5893320
CIELab	85.14, -47.59, 5.90
CIELCh	85, 47.952, 172.930
Yxy	66.2849, 0.2532, 0.3768
Android (android.graphics.Color)	4284083400 (0xFF59ECC8)
YUV	187.9430, 5.9441, -86.7730
Hunter-Lab	81.4155, -44.8238, 9.5895

Details

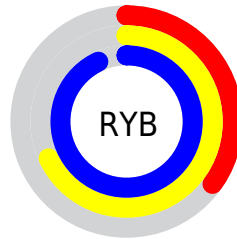
The Decimal color **5893320** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **15489405**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **10027007**, and **45970** is the 20% darker color. If you saturate the color by 10%, you get **4320450**, and if you desaturate by 10%, it is **7466190**.

Distribution



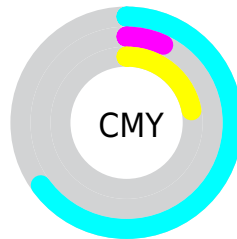
- Red (35%)
- Green (93%)
- Blue (78%)



- Red (35%)
- Yellow (68%)
- Blue (93%)



- Cyan (62%)
- Magenta (0%)
- Yellow (15%)
- Black (7%)



- Cyan (65%)
- Magenta (7%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5893320 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 5893320 by changing the saturation by 10% instead.

5893320

5893320

16777215

3461037

10027007

45970

12058623

39032

14024703

32096

16056319

25416

18994

13085

6915

0

■ 5893320

■ 5893320

■ 4320450

■ 7466190

■ 2813116

■ 8973524

■ 1240247

■ 10546393

■ 60594

■ 12053727

■ 13626597

■ 15199467

■ 16706800

■ 16772342

■ 16772348

Harmonies

Analogous

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



10151836



5893320



60662

Triad

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



5893320



13291007



16760462

Complementary

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



5893320



15489405

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.



16757684



5893320



16760063

Square

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



5893320



8117503



16757473



16502394

Rectangle

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



5893320



60159



16757473



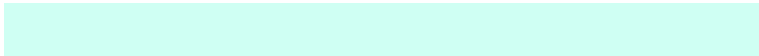
16759449

Sweetspot

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



5893320



13631475



8318041



6455416



0



8421504

Same Dimension

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



5893320



4259792



5883884



6976882



46473



13864

Inverse Universe

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



15489405



16728175



15498841



7694956



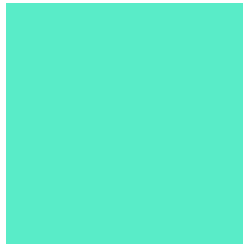
11862060



3538957

Previews

White Background



This preview shows how the Decimal color 5893320 looks on a white background.

Color Contrast Check

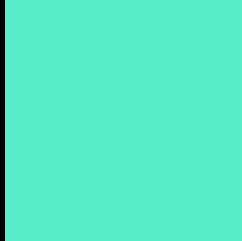
Large Text (above 18pt) WCAG AA × Fail

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 5893320 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 5893320 Background



This preview shows how black text looks on a background with the Decimal color 5893320.



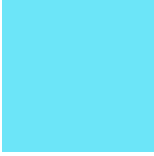
This preview shows how white text looks on a background with the Decimal color 5893320.

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
7136760

Trichromacy



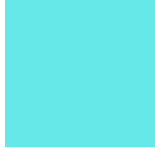
Original Color
5893320



Protanomaly
11328447



Deuteranomaly
11917516

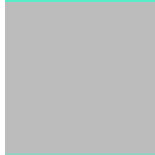


Tritanomaly
6678759

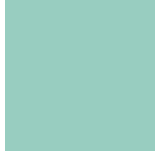
Monochromacy



Original Color
5893320



Achromatopsia
12369084



Achromatomaly
10014144

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5893320 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 #59ECC8 looks like.

```
.text, #text, p{  
    color:#59ECC8  
}
```

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 #59ECC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59ECC8
}
```

Border

The CSS property to change the border of an element to Decimal 5893320 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
#59ECC8 }
```

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

```
.border{ border-color:#59ECC8 }
```

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

Here you see how a box with a 4 pixel #59ECC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59ECC8; -webkit-box-shadow:4px 4px  
4px 4px #59ECC8; box-shadow:4px 4px 4px  
4px #59ECC8 }
```

Background

The CSS property to change the background color of an element to Decimal 5893320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59ECC8 }
```

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

```
.background{ background-color:#59ECC8 }
```

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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