

Converting Colors

Decimal(5956292)

Have a look what the booklet for
Decimal(5956292) contains.

Decimal(5956292)	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(5956292)

Conversions

Conversions Part 1

Format	Color
Hex	5AE2C4
RGB	90, 226, 196
RGB Percent	35%, 89%, 77%
CMY	0.6471, 0.1137, 0.2314
CMYK	0.60, 0.00, 0.13, 0.11
HSL	167°, 70%, 62%
HSV	167°, 60%, 89%
XYZ	41.3766, 60.5519, 61.7315
YIQ	181.9160, -71.4260, -38.1620

Conversions

Conversions Part 2

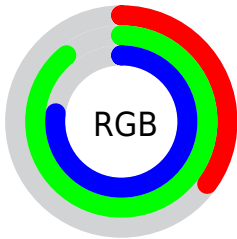
Format	Color
RYB	90, 166, 226
Decimal	5956292
CIELab	82.14, -44.06, 3.67
CIELCh	82, 44.214, 175.237
Yxy	60.5519, 0.2528, 0.3700
Android (android.graphics.Color)	4284146372 (0xFF5AE2C4)
YUV	181.9160, 6.9434, -80.6103
Hunter-Lab	77.8151, -41.2626, 7.4352

Details

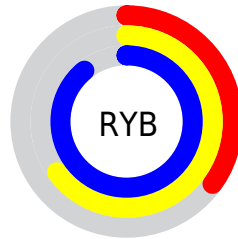
The Decimal color **5956292** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted cyan. A complement of this color would be **14834296**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **10027005**, and **43662** is the 20% darker color. If you saturate the color by 10%, you get **4448959**, and if you desaturate by 10%, it is **7463625**.

Distribution



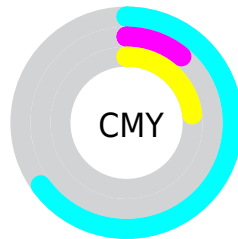
- Red (35%)
- Green (89%)
- Blue (77%)



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



- Cyan (60%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)

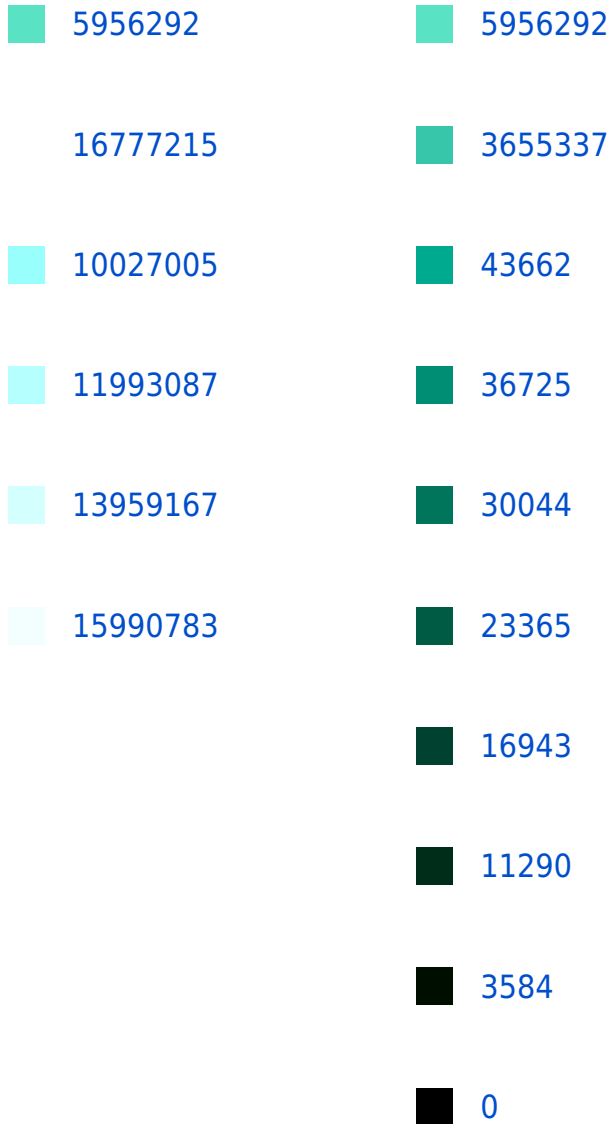


- Cyan (65%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5956292 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 5956292 by changing the saturation by 10% instead.



 5956292

 5956292

 4448959

 7463625

 3007162

 8905422

 1499829

 10412755

 58032

 11854552

 13361885

 14869218

 16311015

 16769772

 16769777

Harmonies

Analogous

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



9690524



5956292



582382

Triad

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



5956292



13092095



16759177

Complementary

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



5956292



14834296

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.



16756395



5956292



16430588

Square

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



5956292



8639231



16755925



15583353

Rectangle

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



5956292



974847



16755925



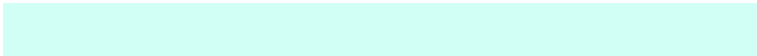
16758163

Sweetspot

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



5956292



13762549



8053338



6520953



0



8421504

Same Dimension

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



5956292



4718550



5947106



6647918



45193



12326

Inverse Universe

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



14834296



16729968



14843482



7365991



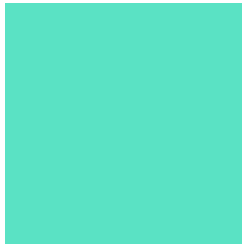
11534375



3145739

Previews

White Background



This preview shows how the Decimal color 5956292 looks on a white background.

Color Contrast Check

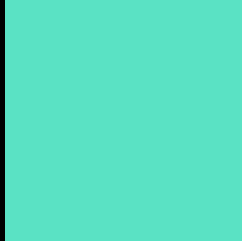
Large Text (above 18pt) WCAG AA × Fail

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 5956292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

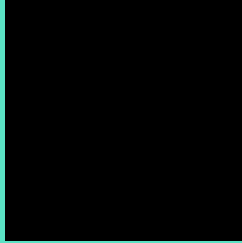
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

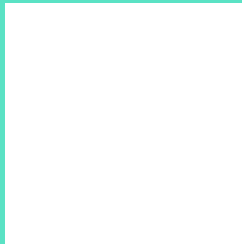
Any Text WCAG AAA ✓ Pass

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

Decimal 5956292 Background



This preview shows how black text looks on a background with the Decimal color 5956292.



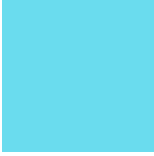
This preview shows how white text looks on a background with the Decimal color 5956292.

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
7003374

Trichromacy



Original Color
5956292



Protanomaly
10998716



Deuteranomaly
11456456

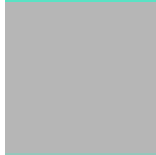


Tritanomaly
6610655

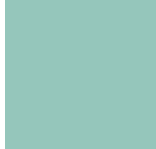
Monochromacy



Original Color
5956292



Achromatopsia
11974326



Achromatomaly
9815739

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5956292 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 #5AE2C4 looks like.

```
.text, #text, p{  
  color:#5AE2C4  
}
```

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 #5AE2C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AE2C4
}
```

Border

The CSS property to change the border of an element to Decimal 5956292 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
#5AE2C4 }
```

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

```
.border{ border-color:#5AE2C4 }
```

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

Here you see how a box with a 4 pixel #5AE2C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AE2C4; -webkit-box-shadow:4px 4px  
4px 4px #5AE2C4; box-shadow:4px 4px 4px  
4px #5AE2C4 }
```

Background

The CSS property to change the background color of an element to Decimal 5956292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AE2C4 }
```

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

```
.background{ background-color:#5AE2C4 }
```

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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