

# Converting Colors

Decimal(5682658)

Have a look what the booklet for  
Decimal(5682658) contains.

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# **Color**

**Decimal(5682658)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56B5E2
RGB	86, 181, 226
RGB Percent	34%, 71%, 89%
CMY	0.6627, 0.2902, 0.1137
CMYK	0.62, 0.20, 0.00, 0.11
HSL	199°, 71%, 61%
HSV	199°, 62%, 89%
XYZ	34.0891, 40.5172, 77.9754
YIQ	157.7250, -71.0650, -6.1450

# Conversions

## Conversions Part 2

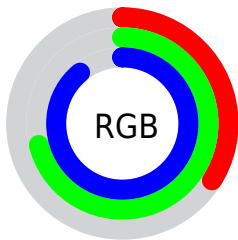
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	86, 143, 226
Decimal	5682658
CIE Lab	69.84, -14.74, -30.94
CIE LCh	70, 34.272, 244.530
Yxy	40.5172, 0.2234, 0.2655
Android (android.graphics.Color)	4283872738 (0xFF56B5E2)
YUV	157.7250, 33.6596, -62.9028
Hunter-Lab	63.6531, -15.7982, -28.0734

# Details

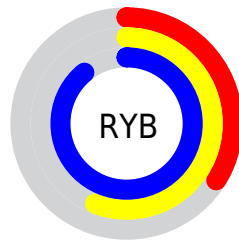
The Decimal color **5682658** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **14844758**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **9694719**, and **32938** is the 20% darker color. If you saturate the color by 10%, you get **4173538**, and if you desaturate by 10%, it is **7191778**.

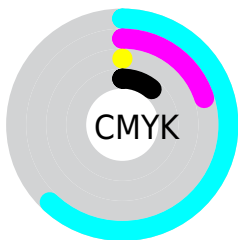
# Distribution



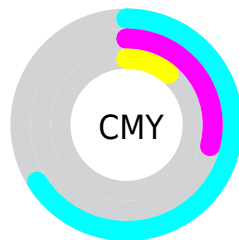
- Red (34%)
- Green (71%)
- Blue (89%)



- Red (34%)
- Yellow (56%)
- Blue (89%)



- Cyan (62%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (66%)
- Magenta (29%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5682658 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 5682658 by changing the saturation by 10% instead.



■ 5682658

■ 5682658

16777215

■ 3381958

■ 9694719

■ 32938

■ 11665407

■ 26512

■ 13631487

■ 20342

■ 15597567

■ 14429

■ 9029

■ 1071

■ 281

■ 0

■ 5682658

■ 5682658

■ 4173538

■ 7191778

■ 2729698

■ 8635618

■ 1220578

■ 10144738

■ 39394

■ 11588322

■ 13097442

■ 14606818

■ 16050402

■ 16773090

■ 16774882

# Harmonies

## Analogous

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



3848909



5682658



8891624

# Triad

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



5682658



15176615



10138486

# Complementary

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



5682658



14844758

# 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.



12298860



5682658



15111817

# Square

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



5682658



14063558



14065779



7715215

# Rectangle

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



5682658



10986979



14065779



10858865

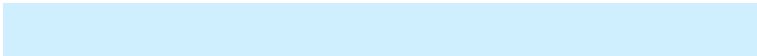


# Sweetspot

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



5682658



13627391



5694082



6452864



0



8421504



# Same Dimension

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



5682658



4375295



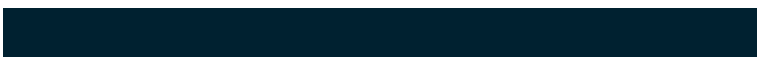
5664994



6647152



30640



8496



# Inverse Universe

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



14833333



16728770



14862422



7365997



11534455

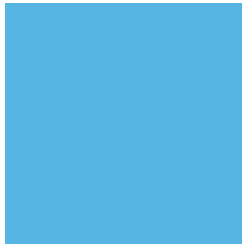


3145761



# Previews

## White Background



This preview shows how the Decimal color 5682658 looks on a white background.

## Color Contrast Check

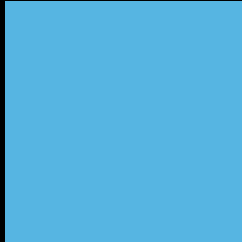
Large Text (above 18pt) WCAG AA × Fail

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 5682658 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 5682658 Background



This preview shows how black text looks on a background with the Decimal color 5682658.

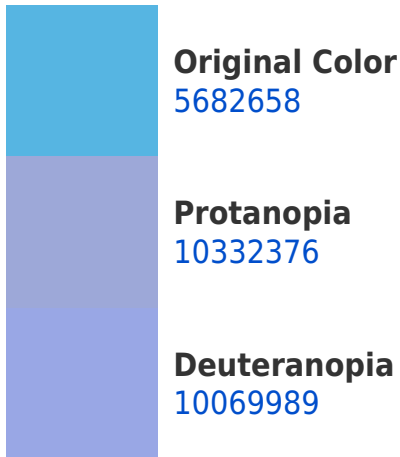


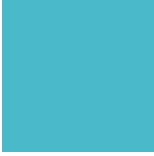
This preview shows how white text looks on a background with the Decimal color 5682658.

# 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**  
4897225

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5682658 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 #56B5E2 looks like.

```
.text, #text, p{  
    color:#56B5E2  
}
```

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 #56B5E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B5E2
}
```

## Border

The CSS property to change the border of an element to Decimal 5682658 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
#56B5E2 }
```

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

```
.border{ border-color:#56B5E2 }
```

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

Here you see how a box with a 4 pixel #56B5E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B5E2; -webkit-box-shadow:4px 4px  
4px 4px #56B5E2; box-shadow:4px 4px 4px  
4px #56B5E2 }
```

# Background

The CSS property to change the background color of an element to Decimal 5682658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B5E2 }
```

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

```
.background{ background-color:#56B5E2 }
```

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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