

Converting Colors

Decimal(5681888)

Have a look what the booklet for
Decimal(5681888) contains.

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Color

Decimal(5681888)

Conversions

Conversions Part 1

Format	Color
Hex	56B2E0
RGB	86, 178, 224
RGB Percent	34%, 70%, 88%
CMY	0.6627, 0.3020, 0.1216
CMYK	0.62, 0.21, 0.00, 0.12
HSL	200°, 69%, 61%
HSV	200°, 62%, 88%
XYZ	33.2127, 39.2010, 76.3371
YIQ	155.7360, -69.5980, -5.1980

Conversions

Conversions Part 2

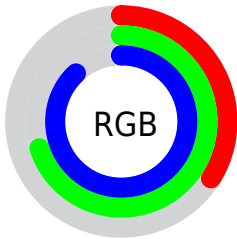
Format	Color
RYB	86, 141, 224
Decimal	5681888
CIELab	68.90, -13.76, -31.30
CIELCh	69, 34.190, 246.271
Yxy	39.2010, 0.2233, 0.2635
Android (android.graphics.Color)	4283871968 (0xFF56B2E0)
YUV	155.7360, 33.6542, -61.1585
Hunter-Lab	62.6107, -14.8811, -28.4608

Details

The Decimal color **5681888** 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 **14713942**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **9693951**, and **32169** is the 20% darker color. If you saturate the color by 10%, you get **4238304**, and if you desaturate by 10%, it is **7125472**.

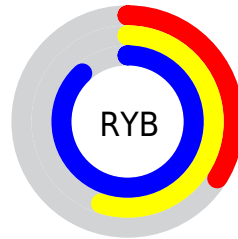
Distribution



Red (34%)

Green (70%)

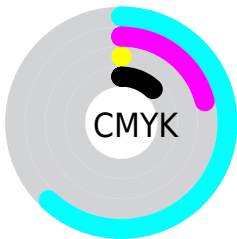
Blue (88%)



Red (34%)

Yellow (55%)

Blue (88%)

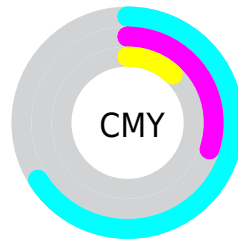


Cyan (62%)

Magenta (21%)

Yellow (0%)

Black (12%)



Cyan (66%)

Magenta (30%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5681888 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 5681888 by changing the saturation by 10% instead.

■ 5681888

■ 5681888

16777215

■ 3381188

■ 9693951

■ 32169

■ 11665407

■ 25742

■ 13565951

■ 19572

■ 15597567

■ 13915

■ 8516

■ 813

■ 280

■ 0

■ 5681888

■ 5681888

■ 4238304

■ 7125472

■ 2728928

■ 8634848

■ 1285344

■ 10078432

■ 38368

■ 11587808

■ 13031392

■ 14475232

■ 15984352

■ 16772832

■ 16774624

Harmonies

Analogous

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



3651532



5681888



8890853

Triad

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



5681888



14979235



9810293

Complementary

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



5681888



14713942

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.



12036202



5681888



14849157

Square

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



5681888



13997250



13803120



7387022

Rectangle

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



5681888



10986207



13803120



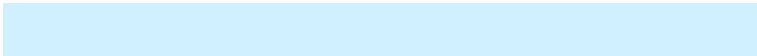
10596208

Sweetspot

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



5681888



13758719



5693572



6518400



0



8421504

Same Dimension

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



5681888



4374783



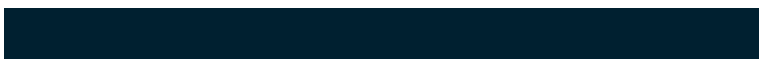
5664224



6646896



30128



8240

Inverse Universe

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



14702258



16728768



14731606



7365996



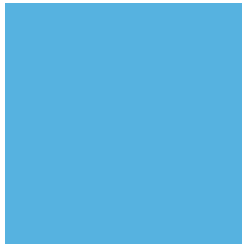
11534453



3145760

Previews

White Background



This preview shows how the Decimal color 5681888 looks on a white background.

Color Contrast Check

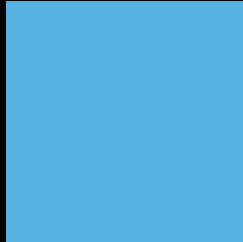
Large Text (above 18pt) WCAG AA × Fail

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 5681888 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

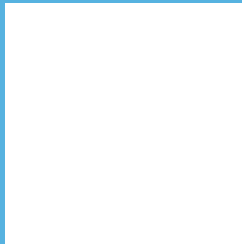
Any Text WCAG AAA ✓ Pass

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

Decimal 5681888 Background



This preview shows how black text looks on a background with the Decimal color 5681888.



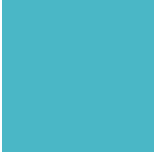
This preview shows how white text looks on a background with the Decimal color 5681888.

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



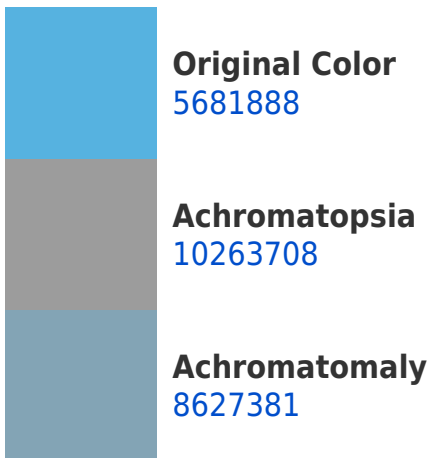


Tritanopia
4896710

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5681888 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 #56B2E0 looks like.

```
.text, #text, p{  
    color:#56B2E0  
}
```

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 #56B2E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B2E0
}
```

Border

The CSS property to change the border of an element to Decimal 5681888 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
#56B2E0 }
```

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

```
.border{ border-color:#56B2E0 }
```

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

Here you see how a box with a 4 pixel #56B2E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B2E0; -webkit-box-shadow:4px 4px  
4px 4px #56B2E0; box-shadow:4px 4px 4px  
4px #56B2E0 }
```

Background

The CSS property to change the background color of an element to Decimal 5681888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B2E0 }
```

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

```
.background{ background-color:#56B2E0 }
```

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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