

Converting Colors

Decimal(5681628)

Have a look what the booklet for
Decimal(5681628) contains.

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Color

Decimal(5681628)

Conversions

Conversions Part 1

Format	Color
Hex	56B1DC
RGB	86, 177, 220
RGB Percent	34%, 69%, 86%
CMY	0.6627, 0.3059, 0.1373
CMYK	0.61, 0.20, 0.00, 0.14
HSL	199°, 66%, 60%
HSV	199°, 61%, 86%
XYZ	32.4782, 38.5900, 73.4470
YIQ	154.6930, -68.0390, -5.9190

Conversions

Conversions Part 2

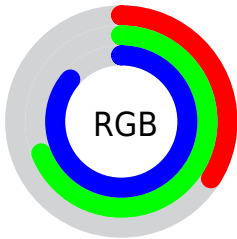
Format	Color
R _Y B	86, 140, 220
Decimal	5681628
CIE Lab	68.45, -14.46, -29.79
CIE LCh	68, 33.118, 244.105
Yxy	38.5900, 0.2247, 0.2670
Android (android.graphics.Color)	4283871708 (0xFF56B1DC)
YUV	154.6930, 32.1964, -60.2438
Hunter-Lab	62.1209, -15.3878, -26.6154

Details

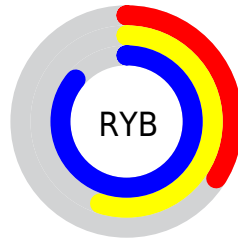
The Decimal color **5681628** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **14451030**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **9628159**, and **31909** is the 20% darker color. If you saturate the color by 10%, you get **4238044**, and if you desaturate by 10%, it is **7125212**.

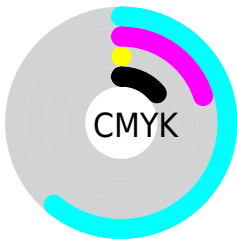
Distribution



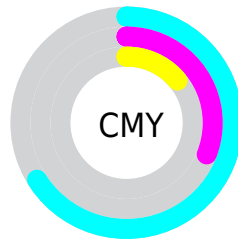
- Red (34%)
- Green (69%)
- Blue (86%)



- Red (34%)
- Yellow (55%)
- Blue (86%)



- Cyan (61%)
- Magenta (20%)
- Yellow (0%)
- Black (14%)



- Cyan (66%)
- Magenta (31%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5681628 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 5681628 by changing the saturation by 10% instead.

■ 5681628

■ 5681628

16777215

■ 3446464

■ 9628159

■ 31909

■ 11599871

■ 25482

■ 13565951

■ 19569

■ 15532031

■ 13656

■ 8256

■ 810

■ 277

■ 0

■ 5681628

■ 5681628

■ 4238044

■ 7125212

■ 2794460

■ 8568796

■ 1350876

■ 10012380

■ 38364

■ 11455964

■ 12899548

■ 14343132

■ 15786716

■ 16771548

■ 16773596

Harmonies

Analogous

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



4044487



5681628



8693986

Triad

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



5681628



14782628



9940852

Complementary

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



5681628



14451030

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.



12035691



5681628



14717831

Square

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



5681628



13669570



13737074



7648652

Rectangle

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



5681628



10723805



13737074



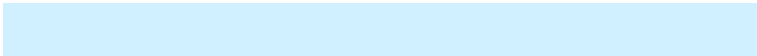
10661231

Sweetspot

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



5681628



13758719



5692544



6518400



0



8421504

Same Dimension

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



5681628



4572159



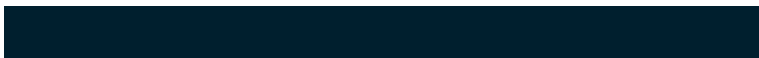
5664732



6515310



30381



7982

Inverse Universe

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



14440113



16729539



14467926



7234410



11337846



3014687

Previews

White Background



This preview shows how the Decimal color 5681628 looks on a white background.

Color Contrast Check

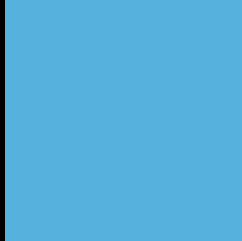
Large Text (above 18pt) WCAG AA × Fail

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 5681628 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 5681628 Background



This preview shows how black text looks on a background with the Decimal color 5681628.

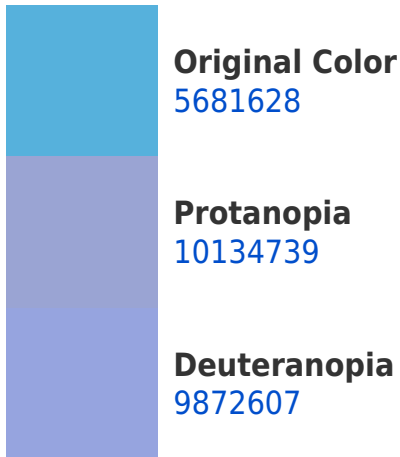


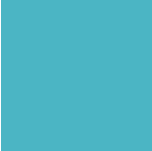
This preview shows how white text looks on a background with the Decimal color 5681628.

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



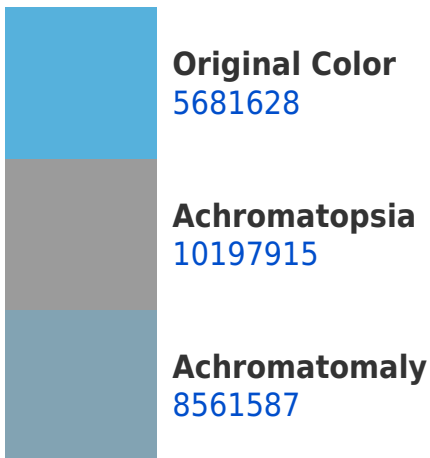


Tritanopia
4961732

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5681628 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 #56B1DC looks like.

```
.text, #text, p{  
    color:#56B1DC  
}
```

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 #56B1DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B1DC
}
```

Border

The CSS property to change the border of an element to Decimal 5681628 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
#56B1DC }
```

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

```
.border{ border-color:#56B1DC }
```

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

Here you see how a box with a 4 pixel #56B1DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B1DC; -webkit-box-shadow:4px 4px  
4px 4px #56B1DC; box-shadow:4px 4px 4px  
4px #56B1DC }
```

Background

The CSS property to change the background color of an element to Decimal 5681628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B1DC }
```

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

```
.background{ background-color:#56B1DC }
```

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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