

Converting Colors

Decimal(5616084)

Have a look what the booklet for
Decimal(5616084) contains.

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Color

Decimal(5616084)

Conversions

Conversions Part 1

Format	Color
Hex	55B1D4
RGB	85, 177, 212
RGB Percent	33%, 69%, 83%
CMY	0.6667, 0.3059, 0.1686
CMYK	0.60, 0.17, 0.00, 0.17
HSL	197°, 60%, 58%
HSV	197°, 60%, 83%
XYZ	31.3521, 38.1290, 67.9946
YIQ	153.4820, -66.0670, -8.6190

Conversions

Conversions Part 2

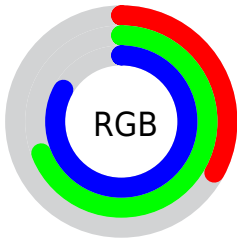
Format	Color
R_{YB}	85, 138, 212
Decimal	5616084
CIE _{Lab}	68.12, -17.10, -25.92
CIE _{LCh}	68, 31.052, 236.596
Yxy	38.1290, 0.2281, 0.2774
Android (android.graphics.Color)	4283806164 (0xFF55B1D4)
YUV	153.4820, 28.8494, -60.0587
Hunter-Lab	61.7487, -17.4292, -22.0630

Details

The Decimal color **5616084** 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 **13924437**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **9562623**, and **31901** is the 20% darker color. If you saturate the color by 10%, you get **4238292**, and if you desaturate by 10%, it is **6993876**.

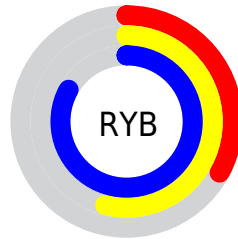
Distribution



Red (33%)

Green (69%)

Blue (83%)



Red (33%)

Yellow (54%)

Blue (83%)

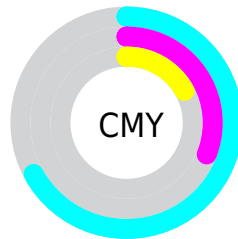


Cyan (60%)

Magenta (17%)

Yellow (0%)

Black (17%)



Cyan (67%)

Magenta (31%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5616084 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 5616084 by changing the saturation by 10% instead.

■ 5616084

■ 5616084

16777215

■ 3446456

■ 9562623

■ 31901

■ 11468799

■ 25475

■ 13434879

■ 19306

■ 15400959

■ 13649

■ 8250

■ 549

■ 269

■ 0

■ 5616084

■ 5616084

■ 4238292

■ 6993876

■ 2860500

■ 8371668

■ 1417172

■ 9814996

■ 39636

■ 11192532

■ 12570324

■ 13948116

■ 15325908

■ 16769236

■ 16770772

Harmonies

Analogous

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



4830654



5616084



8170205

Triad

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



5616084



14324138



10464371

Complementary

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



5616084



13924437

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.



12362606



5616084



14521230

Square

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



5616084



13080517



13802104



8368774

Rectangle

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



5616084



10003420



13802104



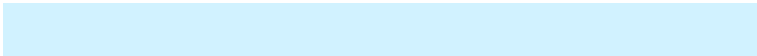
11184496

Sweetspot

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



5616084



13759231



5624951



6518912



0



8421504

Same Dimension

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



5616084



4705535



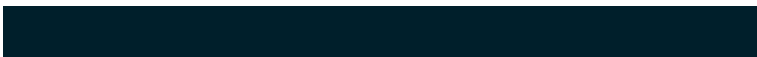
5600212



6318187



31915



7979

Inverse Universe

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



13915569



16730060



13940309



7037032



11206780



2818079

Previews

White Background



This preview shows how the Decimal color 5616084 looks on a white background.

Color Contrast Check

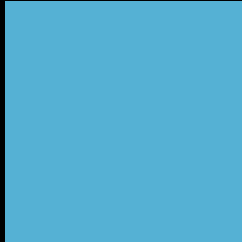
Large Text (above 18pt) WCAG AA × Fail

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 5616084 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 5616084 Background



This preview shows how black text looks on a background with the Decimal color 5616084.



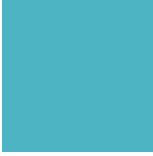
This preview shows how white text looks on a background with the Decimal color 5616084.

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](#).

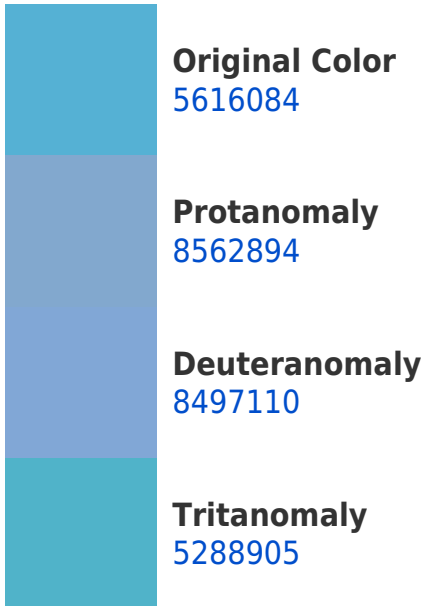
Dichromacy





Tritanopia
5092547

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5616084 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 #55B1D4 looks like.

```
.text, #text, p{  
    color:#55B1D4  
}
```

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 #55B1D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55B1D4
}
```

Border

The CSS property to change the border of an element to Decimal 5616084 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
#55B1D4 }
```

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

```
.border{ border-color:#55B1D4 }
```

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

Here you see how a box with a 4 pixel #55B1D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55B1D4; -webkit-box-shadow:4px 4px  
4px 4px #55B1D4; box-shadow:4px 4px 4px  
4px #55B1D4 }
```

Background

The CSS property to change the background color of an element to Decimal 5616084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55B1D4 }
```

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

```
.background{ background-color:#55B1D4 }
```

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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