

Converting Colors

Decimal(6540016)

Have a look what the booklet for
Decimal(6540016) contains.

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Color

Decimal(6540016)

Conversions

Conversions Part 1

Format	Color
Hex	63CAF0
RGB	99, 202, 240
RGB Percent	39%, 79%, 94%
CMY	0.6118, 0.2078, 0.0588
CMYK	0.59, 0.16, 0.00, 0.06
HSL	196°, 82%, 66%
HSV	196°, 59%, 94%
XYZ	41.9943, 51.1850, 90.1044
YIQ	175.5350, -73.5860, -10.0180

Conversions

Conversions Part 2

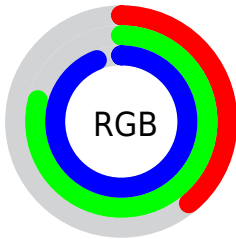
Format	Color
R _Y B	99, 159, 240
Decimal	6540016
CIE Lab	76.79, -19.14, -27.79
CIE LCh	77, 33.740, 235.439
Yxy	51.1850, 0.2291, 0.2793
Android (android.graphics.Color)	4284730096 (0xFF63CAF0)
YUV	175.5350, 31.7812, -67.1212
Hunter-Lab	71.5437, -20.4265, -24.5912

Details

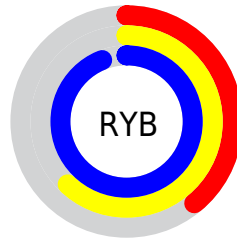
The Decimal color **6540016** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **15763811**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **10551295**, and **1217720** is the 20% darker color. If you saturate the color by 10%, you get **4965616**, and if you desaturate by 10%, it is **8114416**.

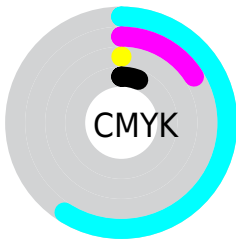
Distribution



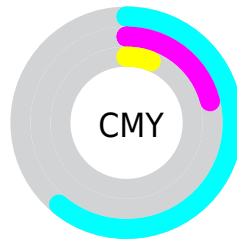
- Red (39%)
- Green (79%)
- Blue (94%)



- Red (39%)
- Yellow (62%)
- Blue (94%)



- Cyan (59%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)



- Cyan (61%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6540016 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 6540016 by changing the saturation by 10% instead.

6540016

6540016

16777215

4370388

10551295

1217720

12517375

31389

14483455

24963

16515071

18793

12881

7994

548

12

■ 6540016

■ 6540016

■ 4965616

■ 8114416

■ 3390960

■ 9689072

■ 1816560

■ 11263472

■ 241904

■ 12838128

■ 45040

■ 14412528

■ 15987184

■ 16775152

■ 16776944

■ 16777200

Harmonies

Analogous

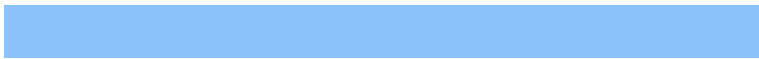
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5754583



6540016



9290491

Triad

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



6540016



16230340



12108932

Complementary

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



6540016



15763811

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.



14203519



6540016



16558244

Square

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



6540016



14790113



15773579



9685913

Rectangle

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



6540016



11320313



15773579



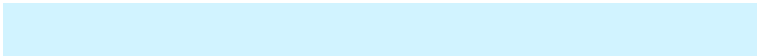
12829057

Sweetspot

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



6540016



13759487



6549641



6518912



0



8421504

Same Dimension

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



6540016



4902655



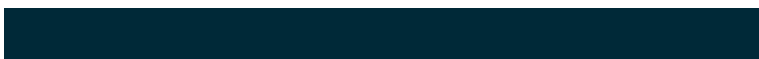
6522096



7107960



34488



10552

Inverse Universe

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



15754186



16730830



15781731



7892085



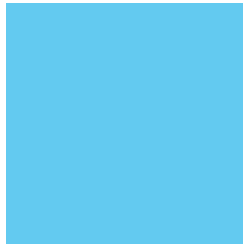
12058758



3670057

Previews

White Background



This preview shows how the Decimal color 6540016 looks on a white background.

Color Contrast Check

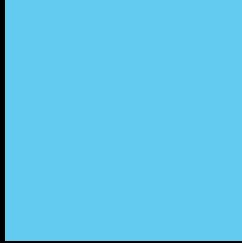
Large Text (above 18pt) WCAG AA × Fail

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 6540016 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 6540016 Background



This preview shows how black text looks on a background with the Decimal color 6540016.



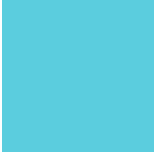
This preview shows how white text looks on a background with the Decimal color 6540016.

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



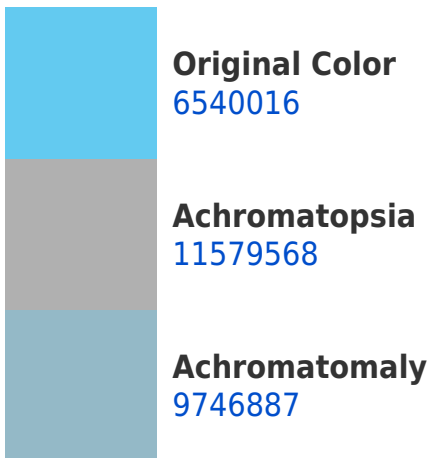


Tritanopia
6016478

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6540016 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 #63CAF0 looks like.

```
.text, #text, p{  
    color:#63CAF0  
}
```

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 #63CAF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63CAF0
}
```

Border

The CSS property to change the border of an element to Decimal 6540016 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
#63CAF0 }
```

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

```
.border{ border-color:#63CAF0 }
```

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

Here you see how a box with a 4 pixel #63CAF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63CAF0; -webkit-box-shadow:4px 4px  
4px 4px #63CAF0; box-shadow:4px 4px 4px  
4px #63CAF0 }
```

Background

The CSS property to change the background color of an element to Decimal 6540016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63CAF0 }
```

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

```
.background{ background-color:#63CAF0 }
```

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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