

Converting Colors

Decimal(4177648)

Have a look what the booklet for
Decimal(4177648) contains.

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Color

Decimal(4177648)

Conversions

Conversions Part 1

Format	Color
Hex	3FBEF0
RGB	63, 190, 240
RGB Percent	25%, 75%, 94%
CMY	0.7529, 0.2549, 0.0588
CMYK	0.74, 0.21, 0.00, 0.06
HSL	197°, 86%, 59%
HSV	197°, 74%, 94%
XYZ	36.1915, 44.1749, 89.0572
YIQ	157.7270, -91.7420, -11.3740

Conversions

Conversions Part 2

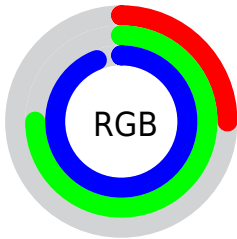
Format	Color
R _{YB}	63, 137, 240
Decimal	4177648
CIE Lab	72.35, -18.39, -34.72
CIE LCh	72, 39.292, 242.085
Yxy	44.1749, 0.2136, 0.2607
Android (android.graphics.Color)	4282367728 (0xFF3FBEF0)
YUV	157.7270, 40.5606, -83.0756
Hunter-Lab	66.4642, -19.1144, -32.9193

Details

The Decimal color **4177648** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **15757631**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **8779519**, and **35256** is the 20% darker color. If you saturate the color by 10%, you get **2602992**, and if you desaturate by 10%, it is **5752304**.

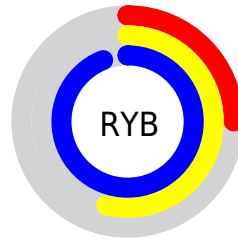
Distribution



Red (25%)

Green (75%)

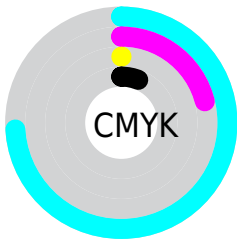
Blue (94%)



Red (25%)

Yellow (54%)

Blue (94%)

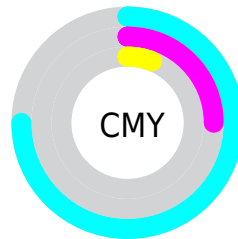


Cyan (74%)

Magenta (21%)

Yellow (0%)

Black (6%)



Cyan (75%)

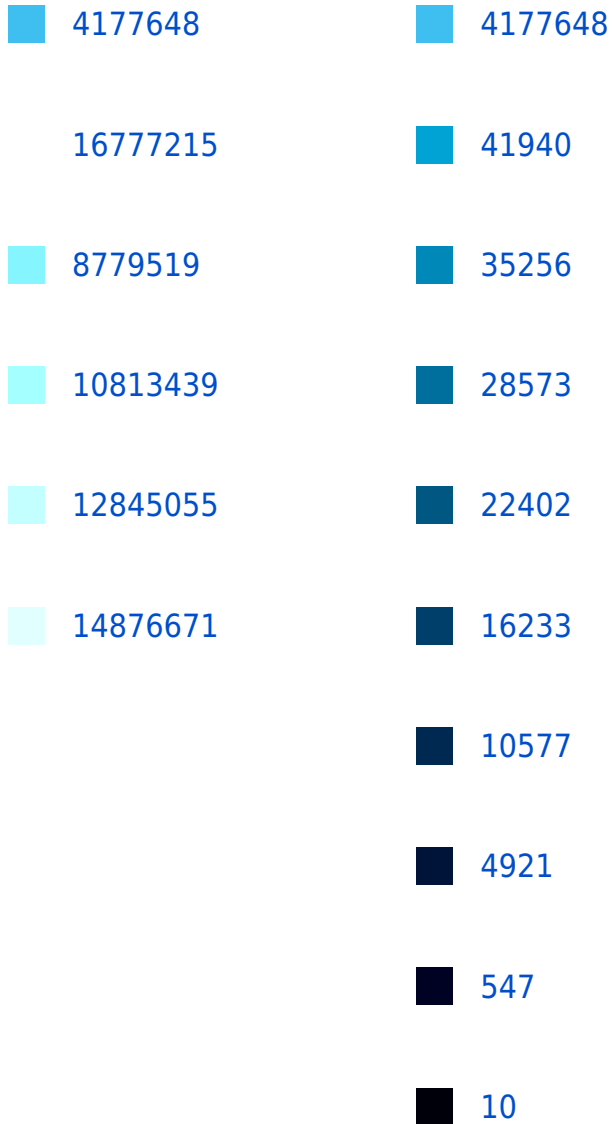
Magenta (25%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4177648 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 4177648 by changing the saturation by 10% instead.



■ 4177648

■ 4177648

■ 2602992

■ 5752304

■ 1028336

■ 7326960

■ 44272

■ 8901360

■ 10476016

■ 12050672

■ 13625328

■ 15199728

■ 16774384

■ 16776176

Harmonies

Analogous

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



574422



4177648



8500473

Triad

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



4177648



16094640



10599283

Complementary

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



4177648



15757631

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.



13086825



4177648



16095629

Square

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



4177648



14785492



14984307



7717519

Rectangle

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



4177648



11054324



14984307



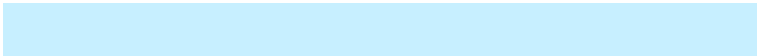
11450222

Sweetspot

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



4177648



13103103



4190318



6190720



0



8421504

Same Dimension

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



4177648



1884159



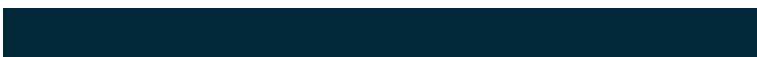
4155632



7107704



33976



10296

Inverse Universe

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



15744958



16719039



15779647



7892084



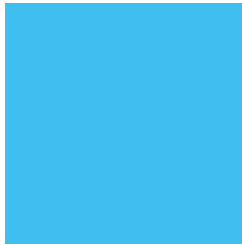
12058756



3670056

Previews

White Background



This preview shows how the Decimal color 4177648 looks on a white background.

Color Contrast Check

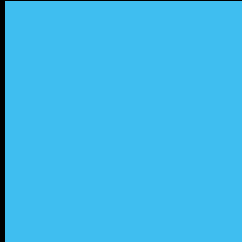
Large Text (above 18pt) WCAG AA × Fail

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 4177648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

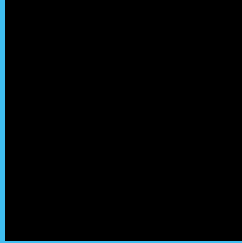
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

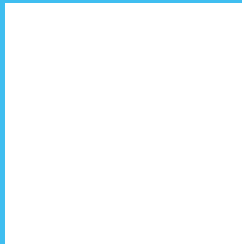
Any Text WCAG AAA ✓ Pass

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

Decimal 4177648 Background



This preview shows how black text looks on a background with the Decimal color 4177648.



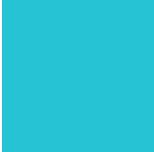
This preview shows how white text looks on a background with the Decimal color 4177648.

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](#).

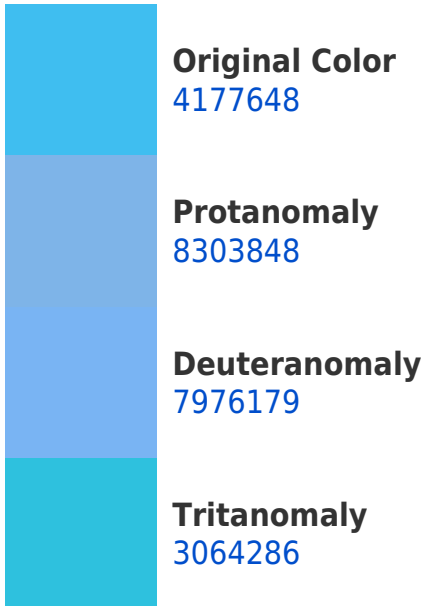
Dichromacy





Tritanopia
2474963

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4177648 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 #3FBEF0 looks like.

```
.text, #text, p{  
    color:#3FBEF0  
}
```

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 #3FBF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FBF00
}
```

Border

The CSS property to change the border of an element to Decimal 4177648 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
#3FBF00 }
```

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

```
.border{ border-color:#3FBEF0 }
```

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

Here you see how a box with a 4 pixel #3FBEF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FBEF0; -webkit-box-shadow:4px 4px  
4px 4px #3FBEF0; box-shadow:4px 4px 4px  
4px #3FBEF0 }
```

Background

The CSS property to change the background color of an element to Decimal 4177648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FBEF0 }
```

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

```
.background{ background-color:#3FBEF0 }
```

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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