

Converting Colors

Decimal(4176110)

Have a look what the booklet for
Decimal(4176110) contains.

Decimal(4176110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4176110)

Conversions

Conversions Part 1

Format	Color
Hex	3FB8EE
RGB	63, 184, 238
RGB Percent	25%, 72%, 93%
CMY	0.7529, 0.2784, 0.0667
CMYK	0.74, 0.23, 0.00, 0.07
HSL	199°, 84%, 59%
HSV	199°, 74%, 93%
XYZ	34.6230, 41.5108, 87.0765
YIQ	153.9770, -89.4500, -8.8580

Conversions

Conversions Part 2

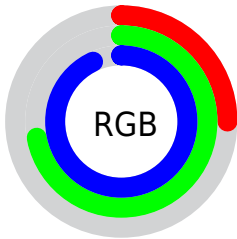
Format	Color
R _{YB}	63, 135, 238
Decimal	4176110
CIE Lab	70.53, -15.89, -36.45
CIE LCh	71, 39.763, 246.441
Yxy	41.5108, 0.2121, 0.2543
Android (android.graphics.Color)	4282366190 (0xFF3FB8EE)
YUV	153.9770, 41.4233, -79.7868
Hunter-Lab	64.4289, -16.8276, -35.0310

Details

The Decimal color **4176110** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **15627583**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **8712447**, and **33718** is the 20% darker color. If you saturate the color by 10%, you get **2601454**, and if you desaturate by 10%, it is **5750766**.

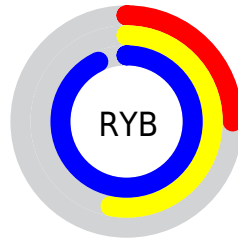
Distribution



Red (25%)

Green (72%)

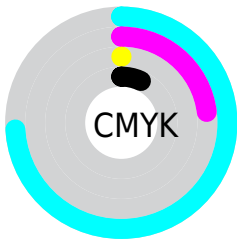
Blue (93%)



Red (25%)

Yellow (53%)

Blue (93%)

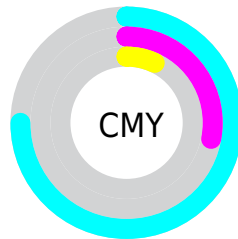


Cyan (74%)

Magenta (23%)

Yellow (0%)

Black (7%)



Cyan (75%)

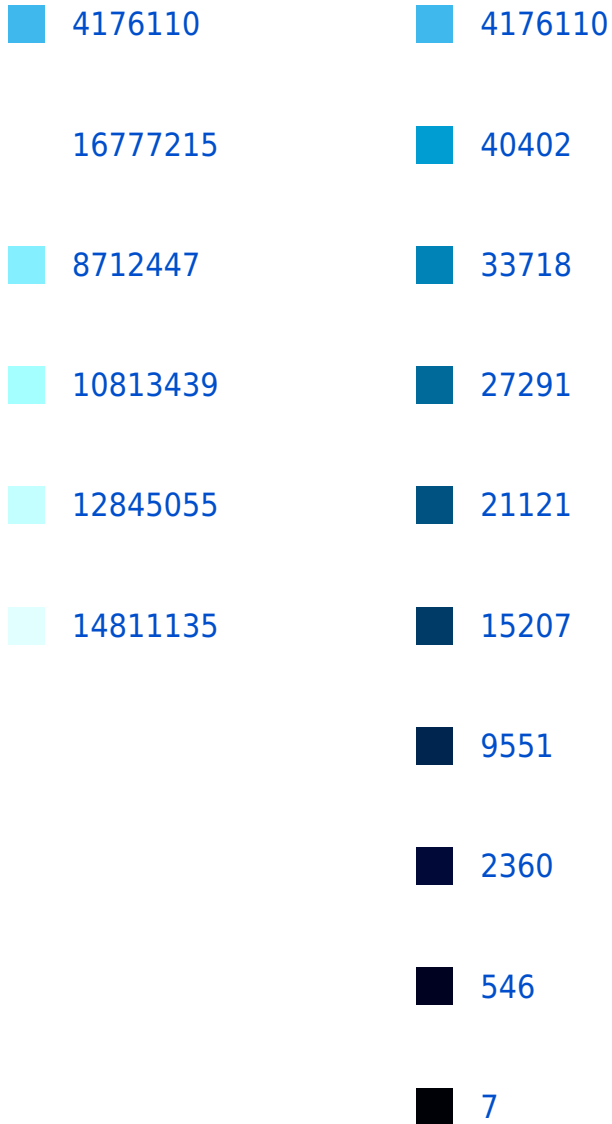
Magenta (28%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4176110 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 4176110 by changing the saturation by 10% instead.



■ 4176110

■ 4176110

■ 2601454

■ 5750766

■ 1026542

■ 7325678

■ 42478

■ 8834798

■ 10409454

■ 11984366

■ 13559022

■ 15133678

■ 16643054

■ 16775918

Harmonies

Analogous

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



48854



4176110



8695284

Triad

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



4176110



15896742



9877361

Complementary

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



4176110



15627583

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.



12365156



4176110



15701379

Square

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



4176110



14718410



14458987



6929806

Rectangle

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



4176110



11183597



14458987



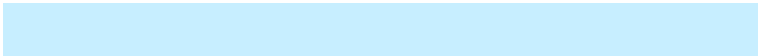
10728554

Sweetspot

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



4176110



13102847



4189812



6190464



0



8421504

Same Dimension

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



4176110



2079487



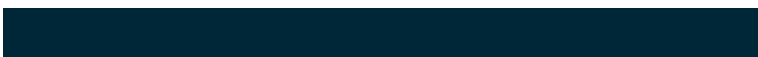
4154094



7107704



32696



10040

Inverse Universe

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



15613880



16719802



15649599



7892084



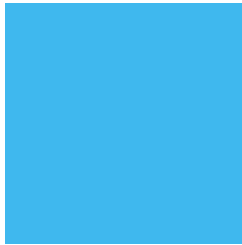
12058751



3670055

Previews

White Background



This preview shows how the Decimal color 4176110 looks on a white background.

Color Contrast Check

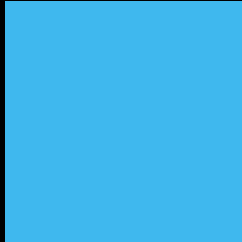
Large Text (above 18pt) WCAG AA × Fail

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 4176110 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 4176110 Background



This preview shows how black text looks on a background with the Decimal color 4176110.

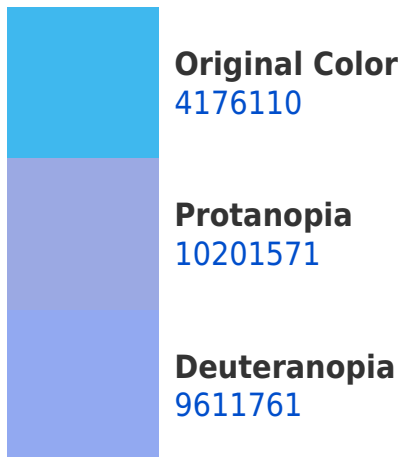


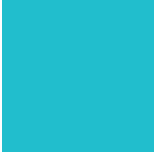
This preview shows how white text looks on a background with the Decimal color 4176110.

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
2211533

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4176110 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 #3FB8EE looks like.

```
.text, #text, p{  
  color:#3FB8EE  
}
```

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 #3FB8EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FB8EE
}
```

Border

The CSS property to change the border of an element to Decimal 4176110 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
#3FB8EE }
```

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

```
.border{ border-color:#3FB8EE }
```

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

Here you see how a box with a 4 pixel #3FB8EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FB8EE; -webkit-box-shadow:4px 4px  
4px 4px #3FB8EE; box-shadow:4px 4px 4px  
4px #3FB8EE }
```

Background

The CSS property to change the background color of an element to Decimal 4176110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FB8EE }
```

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

```
.background{ background-color:#3FB8EE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor