

Converting Colors

Decimal(40677)

Have a look what the booklet for
Decimal(40677) contains.

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Color

Decimal(40677)

Conversions

Conversions Part 1

Format	Color
Hex	009EE5
RGB	0, 158, 229
RGB Percent	0%, 62%, 90%
CMY	1.0000, 0.3804, 0.1020
CMYK	1.00, 0.31, 0.00, 0.10
HSL	199°, 100%, 45%
HSV	199°, 100%, 90%
XYZ	26.3697, 30.1109, 78.5509
YIQ	118.8520, -116.9590, -11.4150

Conversions

Conversions Part 2

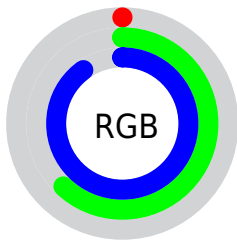
Format	Color
RYB	0, 93, 229
Decimal	40677
CIELab	61.75, -9.02, -45.32
CIELCh	62, 46.212, 258.742
Yxy	30.1109, 0.1953, 0.2230
Android (android.graphics.Color)	4278230757 (0xFF009EE5)
YUV	118.8520, 54.3030, -104.2332
Hunter-Lab	54.8734, -10.2492, -46.4619

Details

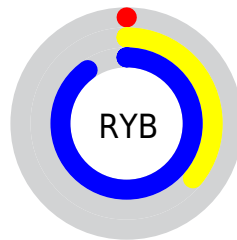
The Decimal color **40677** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **15025920**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **7001343**, and **27565** is the 20% darker color. If you saturate the color by 10%, you get **40677**, and if you desaturate by 10%, it is **1549797**.

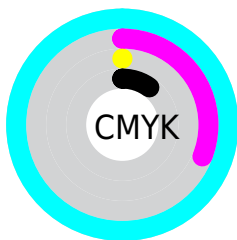
Distribution



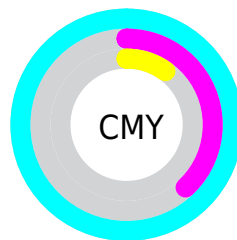
- Red (0%)
- Green (62%)
- Blue (90%)



- Red (0%)
- Yellow (36%)
- Blue (90%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (10%)

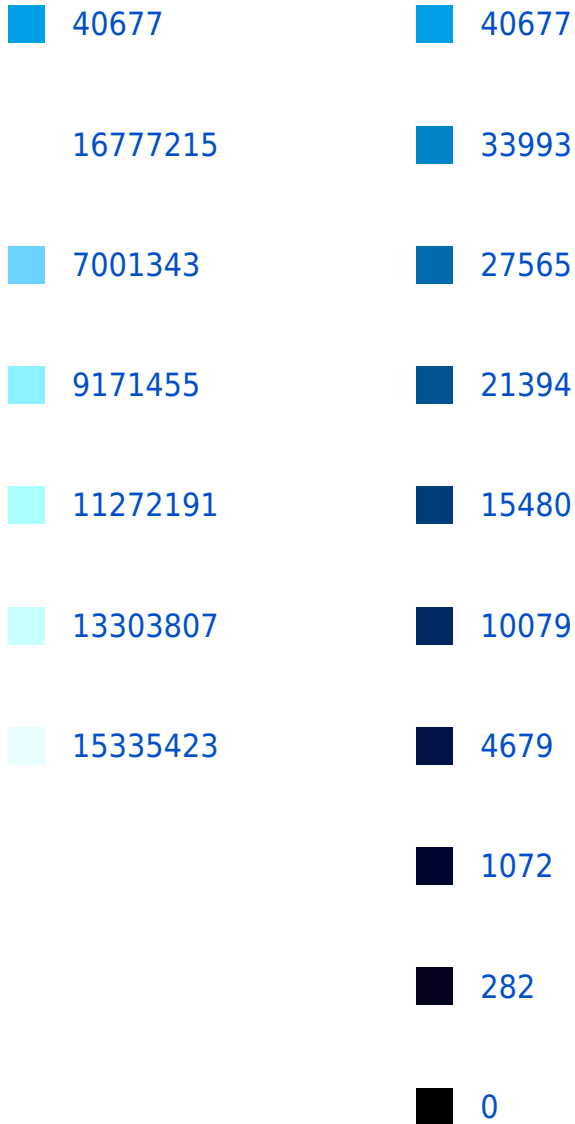


- Cyan (100%)
- Magenta (38%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 40677 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 40677 by changing the saturation by 10% instead.



■ 40677

■ 1549797

■ 3058917

■ 4568037

■ 6077157

■ 7586533

■ 9030117

■ 10539237

■ 12048357

■ 13557477

Harmonies

Analogous

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



42706



40677



8360163

Triad

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



40677



14840957



6661213

Complementary

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



40677



15025920

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.



9739076



40677



14057049

Square

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



40677



14251174



12291651



960900

Rectangle

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



40677



11044565



12291651



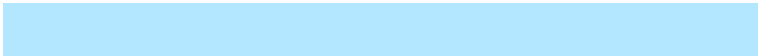
7774547

Sweetspot

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



40677



11790335



58693



5403008



0



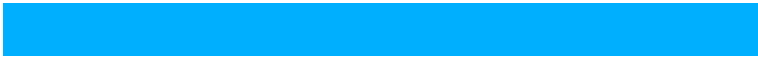
8421504

Same Dimension

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



40677



45311



12005



6778739



31667



9011

Inverse Universe

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



15007902



16711856



15054592



7563119



11731067



3342371

Previews

White Background



This preview shows how the Decimal color 40677 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 40677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

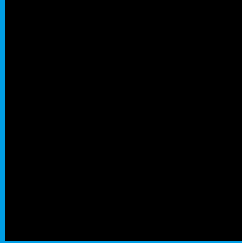
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

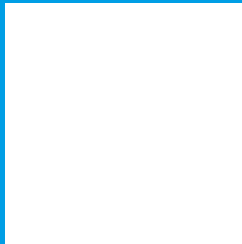
Any Text WCAG AAA ✓ Pass

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

Decimal 40677 Background



This preview shows how black text looks on a background with the Decimal color 40677.



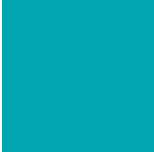
This preview shows how white text looks on a background with the Decimal color 40677.

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](#).

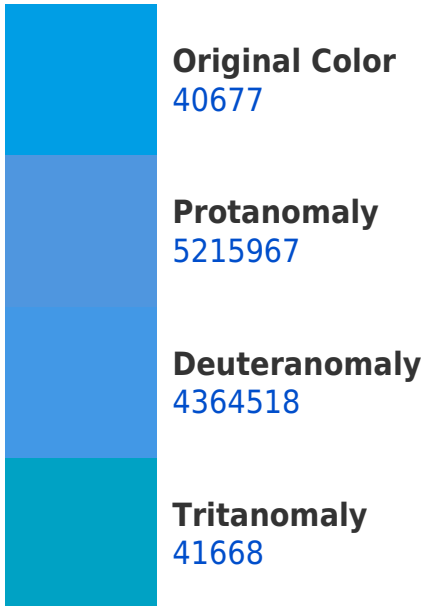
Dichromacy





Tritanopia
42417

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 40677 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 #009EE5 looks like.

```
.text, #text, p{  
    color:#009EE5  
}
```

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 #009EE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009EE5
}
```

Border

The CSS property to change the border of an element to Decimal 40677 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
#009EE5 }
```

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

```
.border{ border-color:#009EE5 }
```

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

Here you see how a box with a 4 pixel #009EE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009EE5; -webkit-box-shadow:4px 4px  
4px 4px #009EE5; box-shadow:4px 4px 4px  
4px #009EE5 }
```

Background

The CSS property to change the background color of an element to Decimal 40677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009EE5 }
```

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

```
.background{ background-color:#009EE5 }
```

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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