

Converting Colors

Decimal(46576)

Have a look what the booklet for
Decimal(46576) contains.

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Color

Decimal(46576)

Conversions

Conversions Part 1

Format	Color
Hex	00B5F0
RGB	0, 181, 240
RGB Percent	0%, 71%, 94%
CMY	1.0000, 0.2902, 0.0588
CMYK	1.00, 0.25, 0.00, 0.06
HSL	195°, 100%, 47%
HSV	195°, 100%, 94%
XYZ	32.2521, 39.3390, 88.3314
YIQ	133.6070, -126.8150, -20.0230

Conversions

Conversions Part 2

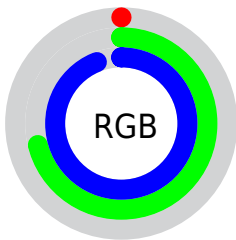
Format	Color
RYB	0, 103, 240
Decimal	46576
CIELab	69.00, -17.62, -39.98
CIELCh	69, 43.693, 246.223
Yxy	39.3390, 0.2017, 0.2460
Android (android.graphics.Color)	4278236656 (0xFF00B5F0)
YUV	133.6070, 52.4517, -117.1733
Hunter-Lab	62.7208, -17.9739, -39.5951

Details

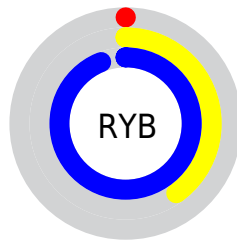
The Decimal color **46576** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **15743744**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **7269887**, and **32952** is the 20% darker color. If you saturate the color by 10%, you get **46576**, and if you desaturate by 10%, it is **1620976**.

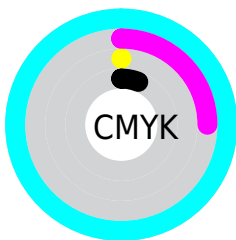
Distribution



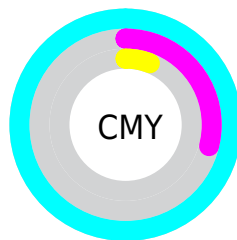
- Red (0%)
- Green (71%)
- Blue (94%)



- Red (0%)
- Yellow (40%)
- Blue (94%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (6%)




















- Cyan (100%)
- Magenta (29%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 46576 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 46576 by changing the saturation by 10% instead.

 46576	 46576
 16777215	 39636
 7269887	 32952
 9437183	 26525
 11599871	 20354
 13631487	 14441
 15728639	 9040
	 1337
	 547
	 9

■ 46576

■ 1620976

■ 3195376

■ 4769776

■ 6344176

■ 7918576

■ 9492720

■ 11067120

■ 12641520

■ 14215920

Harmonies

Analogous

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



48086



46576



7908087

Triad

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



46576



15960226



9417831

Complementary

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



46576



15743744

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.



12167512



46576



15765116

Square

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



46576



14716617



14392160



6077063

Rectangle

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



46576



10854639



14392160



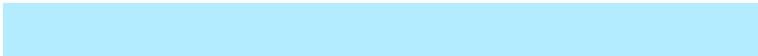
10400095

Sweetspot

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



46576



11791615



61496



5403776



0



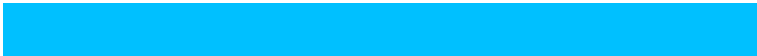
8421504

Same Dimension

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



46576



49407



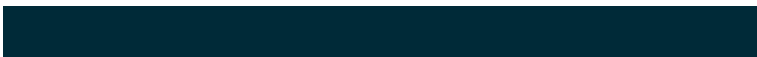
16624



7107960



35512



10808

Inverse Universe

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



15728821



16711872



15773696



7892085



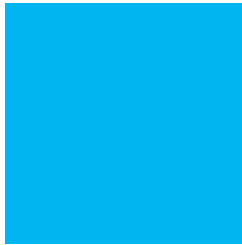
12058762



3670058

Previews

White Background



This preview shows how the Decimal color 46576 looks on a white background.

Color Contrast Check

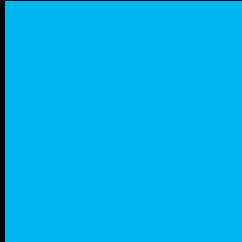
Large Text (above 18pt) WCAG AA × Fail

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 46576 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 46576 Background



This preview shows how black text looks on a background with the Decimal color 46576.



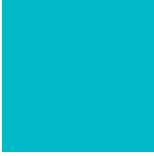
This preview shows how white text looks on a background with the Decimal color 46576.

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
47816

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 46576 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 #00B5F0 looks like.

```
.text, #text, p{  
    color:#00B5F0  
}
```

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 #00B5F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B5F0
}
```

Border

The CSS property to change the border of an element to Decimal 46576 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
#00B5F0 }
```

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

```
.border{ border-color:#00B5F0 }
```

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

Here you see how a box with a 4 pixel #00B5F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B5F0; -webkit-box-shadow:4px 4px  
4px 4px #00B5F0; box-shadow:4px 4px 4px  
4px #00B5F0 }
```

Background

The CSS property to change the background color of an element to Decimal 46576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B5F0 }
```

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

```
.background{ background-color:#00B5F0 }
```

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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