

# Converting Colors

Decimal(4976864)

Have a look what the booklet for  
Decimal(4976864) contains.

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# **Color**

**Decimal(4976864)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BF0E0
RGB	75, 240, 224
RGB Percent	29%, 94%, 88%
CMY	0.7059, 0.0588, 0.1216
CMYK	0.69, 0.00, 0.07, 0.06
HSL	174°, 85%, 62%
HSV	174°, 69%, 94%
XYZ	47.5163, 69.1979, 81.3732
YIQ	188.8410, -93.2040, -39.9560

# Conversions

## Conversions Part 2

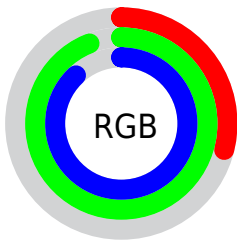
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 162, 240
Decimal	4976864
CIE <sub>Lab</sub>	86.60, -45.42, -4.60
CIE <sub>LCh</sub>	87, 45.652, 185.780
Yxy	69.1979, 0.2399, 0.3493
Android (android.graphics.Color)	4283166944 (0xFF4BF0E0)
YUV	188.8410, 17.3334, -99.8386
Hunter-Lab	83.1852, -43.6131, 0.2312

# Details

The Decimal color **4976864** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **15747931**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **9502719**, and **47017** is the 20% darker color. If you saturate the color by 10%, you get **3403998**, and if you desaturate by 10%, it is **6549730**.

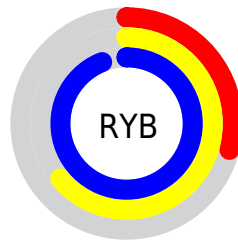
# Distribution



Red (29%)

Green (94%)

Blue (88%)



Red (29%)

Yellow (64%)

Blue (94%)

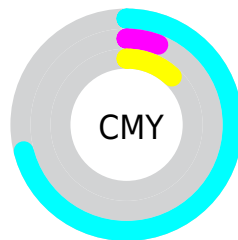


Cyan (69%)

Magenta (0%)

Yellow (7%)

Black (6%)



Cyan (71%)

Magenta (6%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4976864 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 4976864 by changing the saturation by 10% instead.



4976864

4976864

16777215

1496004

9502719

47017

11599871

40078

13631487

33141

15663103

26460

20037

13871

8218

0

■ 4976864

■ 4976864

■ 3403998

■ 6549730

■ 1831131

■ 8122597

■ 258265

■ 9695463

■ 61657

■ 11268329

■ 12841196

■ 14414062

■ 15986928

■ 16773363

■ 16773365

# Harmonies

## Analogous

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



9039284



4976864



716543

# Triad

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



4976864



15321855



16763531

# Complementary

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



4976864



15747931

# 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.



16760232



4976864



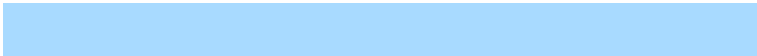
16760061

# Square

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



4976864



11066111



16758738



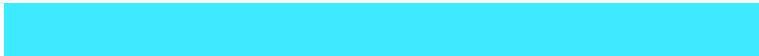
15587713

# Rectangle

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



4976864



4057855



16758738



16762259



# Sweetspot

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



4976864



13238266



6090827



6324348



0



8421504



# Same Dimension

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



4976864



2883562



4959984



7108727



47270



14387



# Inverse Universe

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



15747931



16722752



15764811



7892077



12058642

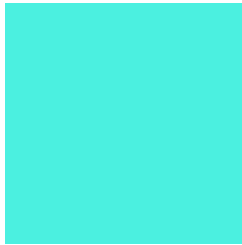


3670021



# Previews

## White Background



This preview shows how the Decimal color 4976864 looks on a white background.

## Color Contrast Check

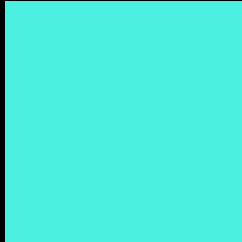
Large Text (above 18pt) WCAG AA × Fail

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 4976864 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

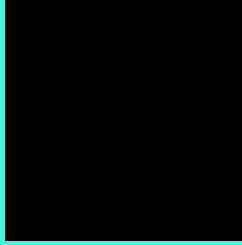
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 4976864 Background



This preview shows how black text looks on a background with the Decimal color 4976864.



This preview shows how white text looks on a background with the Decimal color 4976864.

# 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**  
6024191

# Trichromacy



**Original Color**  
4976864



**Protanomaly**  
11001814



**Deuteranomaly**  
11394276

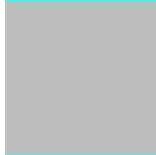


**Tritanomaly**  
5631476

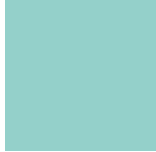
# Monochromacy



**Original Color**  
4976864



**Achromatopsia**  
12434877



**Achromatomaly**  
9752778

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4976864 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 #4BF0E0 looks like.

```
.text, #text, p{  
    color:#4BF0E0  
}
```

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 #4BF0E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BF0E0
}
```

## Border

The CSS property to change the border of an element to Decimal 4976864 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
#4BF0E0 }
```

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

```
.border{ border-color:#4BF0E0 }
```

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

Here you see how a box with a 4 pixel #4BF0E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BF0E0; -webkit-box-shadow:4px 4px  
4px 4px #4BF0E0; box-shadow:4px 4px 4px  
4px #4BF0E0 }
```

# Background

The CSS property to change the background color of an element to Decimal 4976864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BF0E0 }
```

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

```
.background{ background-color:#4BF0E0 }
```

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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