

# Converting Colors

Decimal(4646075)

Have a look what the booklet for  
Decimal(4646075) contains.

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# **Color**

**Decimal(4646075)**

# Conversions

## Conversions Part 1

Format	Color
Hex	46E4BB
RGB	70, 228, 187
RGB Percent	27%, 89%, 73%
CMY	0.7255, 0.1059, 0.2667
CMYK	0.69, 0.00, 0.18, 0.11
HSL	164°, 75%, 58%
HSV	164°, 69%, 89%
XYZ	39.2388, 60.3768, 56.5995
YIQ	176.0840, -81.0070, -46.2470

# Conversions

## Conversions Part 2

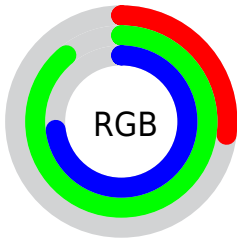
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 161, 228
Decimal	4646075
CIELab	82.04, -50.29, 8.23
CIELCh	82, 50.963, 170.708
Yxy	60.3768, 0.2512, 0.3865
Android (android.graphics.Color)	4282836155 (0xFF46E4BB)
YUV	176.0840, 5.3816, -93.0357
Hunter-Lab	77.7025, -45.8390, 11.2041

# Details

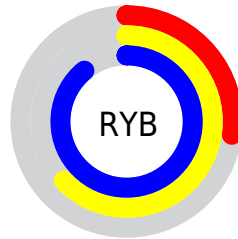
The Decimal color **4646075** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **14960239**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **9043955**, and **44166** is the 20% darker color. If you saturate the color by 10%, you get **3138741**, and if you desaturate by 10%, it is **6153409**.

# Distribution



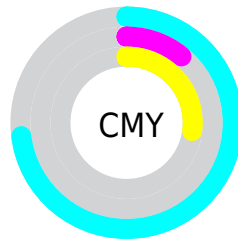
- Red (27%)
- Green (89%)
- Blue (73%)



- Red (27%)
- Yellow (63%)
- Blue (89%)



- Cyan (69%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)



- Cyan (73%)
- Magenta (11%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4646075 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 4646075 by changing the saturation by 10% instead.



 4646075

 4646075

16777215

 1230752

 9043955

 44166

 11075583

 36973

 13107199

 30292

 15073279

 23613

 17191

 11539


 3584

 0

 4646075

 4646075


 3138741

 6153409

 1631407

 7660743

 189609

 9102541

 58537

 10609875

 12117209

 13624542

 15131876

 16573674

 16770288

# Harmonies

## Analogous

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



9559694



4646075



58860

# Triad

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



4646075



12240383



16757636

# Complementary

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



4646075



14960239

# 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.



16754605



4646075



16364543

# Square

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



4646075



6149631



16754653



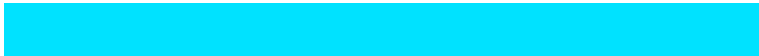
16237677

# Rectangle

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



4646075



58111



16754653



16756368

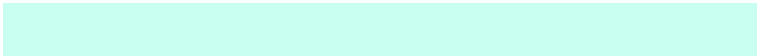


# Sweetspot

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



4646075



13238257



7398470



6324343



0



8421504



# Same Dimension

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



4646075



2883528



4636644



6779760



45956



13094



# Inverse Universe

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



14960239



16722786



14969670



7563114



11730990

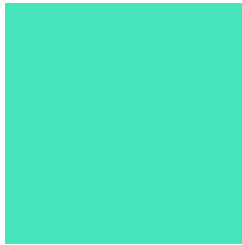


3342349



# Previews

## White Background



This preview shows how the Decimal color 4646075 looks on a white background.

## Color Contrast Check

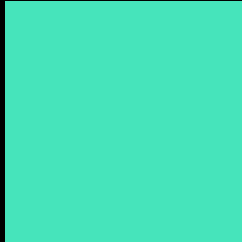
Large Text (above 18pt) WCAG AA × Fail

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 4646075 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

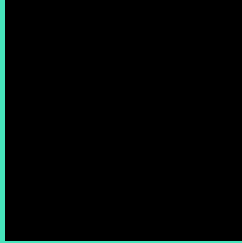
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

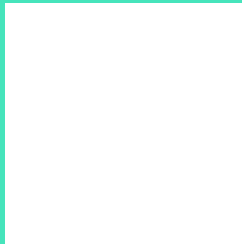
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4646075 Background



This preview shows how black text looks on a background with the Decimal color 4646075.



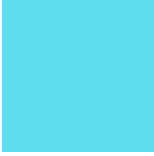
This preview shows how white text looks on a background with the Decimal color 4646075.

# 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





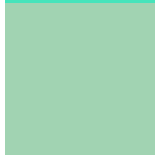
**Tritanopia**  
6217199

# Trichromacy



**Original Color**

4646075



**Protanomaly**

10605490



**Deuteranomaly**

11129023



**Tritanomaly**

5628124

# Monochromacy



**Original Color**

4646075



**Achromatopsia**

11579568



**Achromatomaly**

9028532

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4646075 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 #46E4BB looks like.

```
.text, #text, p{  
  color:#46E4BB  
}
```

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 #46E4BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46E4BB
}
```

## Border

The CSS property to change the border of an element to Decimal 4646075 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
#46E4BB }
```

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

```
.border{ border-color:#46E4BB }
```

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

Here you see how a box with a 4 pixel #46E4BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46E4BB; -webkit-box-shadow:4px 4px  
4px 4px #46E4BB; box-shadow:4px 4px 4px  
4px #46E4BB }
```

# Background

The CSS property to change the background color of an element to Decimal 4646075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46E4BB }
```

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

```
.background{ background-color:#46E4BB }
```

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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