

Converting Colors

Decimal(4776355)

Have a look what the booklet for
Decimal(4776355) contains.

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Color

Decimal(4776355)

Conversions

Conversions Part 1

Format	Color
Hex	48E1A3
RGB	72, 225, 163
RGB Percent	28%, 88%, 64%
CMY	0.7176, 0.1176, 0.3608
CMYK	0.68, 0.00, 0.28, 0.12
HSL	156°, 72%, 58%
HSV	156°, 68%, 88%
XYZ	36.2086, 57.8725, 43.9125
YIQ	172.1850, -71.2860, -51.7180

Conversions

Conversions Part 2

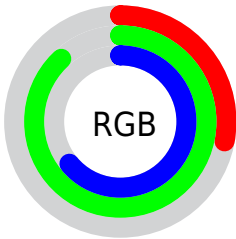
Format	Color
RYB	72, 168, 225
Decimal	4776355
CIELab	80.67, -54.21, 18.90
CIELCh	81, 57.412, 160.776
Yxy	57.8725, 0.2624, 0.4194
Android (android.graphics.Color)	4282966435 (0xFF48E1A3)
YUV	172.1850, -4.5282, -87.8622
Hunter-Lab	76.0740, -48.1697, 19.0276

Details

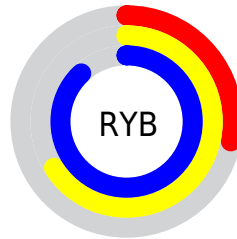
The Decimal color **4776355** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **14764166**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **9043930**, and **43375** is the 20% darker color. If you saturate the color by 10%, you get **3269018**, and if you desaturate by 10%, it is **6283692**.

Distribution



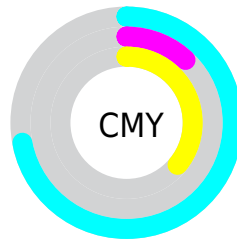
- Red (28%)
- Green (88%)
- Blue (64%)



- Red (28%)
- Yellow (66%)
- Blue (88%)



- Cyan (68%)
- Magenta (0%)
- Yellow (28%)
- Black (12%)



- Cyan (72%)
- Magenta (12%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4776355 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 4776355 by changing the saturation by 10% instead.

 4776355

 4776355

16777215

 1754249

 9043930

 43375

 11075575

 36182

 13041663

 29503

 15073279

 22824

 16403

 10752

 1280

 0

■ 4776355

■ 4776355

■ 3269018

■ 6283692

■ 1827217

■ 7725493

■ 385416

■ 9167294

■ 57734

■ 10674631

■ 12181969

■ 13623770

■ 15131107

■ 16572908

■ 16769525

Harmonies

Analogous

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



10213748



4776355



58587

Triad

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



4776355



9488383



16754309

Complementary

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



4776355



14764166

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.



16751543



4776355



15119103

Square

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



4776355



55295



16752877



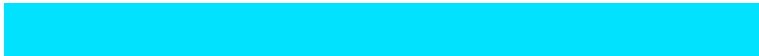
16759138

Rectangle

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



4776355



58110



16752877



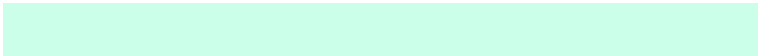
16753044

Sweetspot

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



4776355



13434858



8970568



6389875



0



8421504

Same Dimension

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



4776355



3080106



4773089



6647916



45161



12317

Inverse Universe

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



14764166



16723587



14767432



7365994



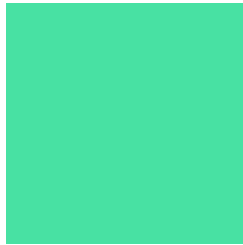
11534407



3145748

Previews

White Background



This preview shows how the Decimal color 4776355 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 4776355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

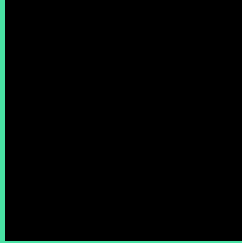
Any Text WCAG AA ✓ Pass

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 4776355 Background



This preview shows how black text looks on a background with the Decimal color 4776355.



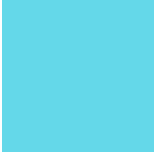
This preview shows how white text looks on a background with the Decimal color 4776355.

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





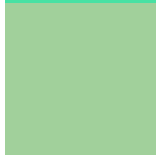
Tritanopia
6609129

Trichromacy



Original Color

4776355



Protanomaly

10604699



Deuteranomaly

11258791



Tritanomaly

5954512

Monochromacy



Original Color

4776355



Achromatopsia

11316396



Achromatomaly

8961961

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4776355 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 #48E1A3 looks like.

```
.text, #text, p{  
    color:#48E1A3  
}
```

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 #48E1A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48E1A3
}
```

Border

The CSS property to change the border of an element to Decimal 4776355 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
#48E1A3 }
```

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

```
.border{ border-color:#48E1A3 }
```

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

Here you see how a box with a 4 pixel #48E1A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48E1A3; -webkit-box-shadow:4px 4px  
4px 4px #48E1A3; box-shadow:4px 4px 4px  
4px #48E1A3 }
```

Background

The CSS property to change the background color of an element to Decimal 4776355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48E1A3 }
```

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

```
.background{ background-color:#48E1A3 }
```

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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