

Converting Colors

Decimal(4776056)

Have a look what the booklet for
Decimal(4776056) contains.

Decimal(4776056)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4776056)

Conversions

Conversions Part 1

Format	Color
Hex	48E078
RGB	72, 224, 120
RGB Percent	28%, 88%, 47%
CMY	0.7176, 0.1216, 0.5294
CMYK	0.68, 0.00, 0.46, 0.12
HSL	139°, 71%, 58%
HSV	139°, 68%, 88%
XYZ	32.7183, 56.0451, 26.8627
YIQ	166.6960, -57.2080, -64.5680

Conversions

Conversions Part 2

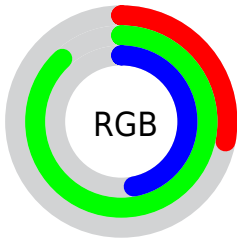
Format	Color
RYB	72, 188, 224
Decimal	4776056
CIELab	79.64, -61.82, 39.46
CIELCh	80, 73.340, 147.451
Yxy	56.0451, 0.2830, 0.4847
Android (android.graphics.Color)	4282966136 (0xFF48E078)
YUV	166.6960, -23.0211, -83.0484
Hunter-Lab	74.8633, -52.9989, 31.1297

Details

The Decimal color **4776056** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **14698672**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **9043886**, and **42821** is the 20% darker color. If you saturate the color by 10%, you get **3334249**, and if you desaturate by 10%, it is **6217863**.

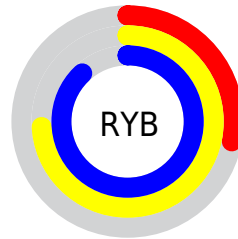
Distribution



Red (28%)

Green (88%)

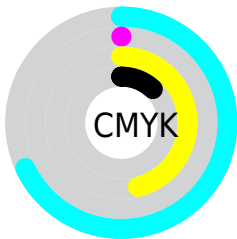
Blue (47%)



Red (28%)

Yellow (74%)

Blue (88%)

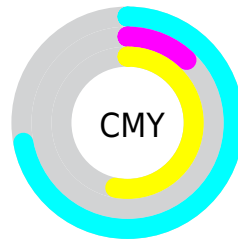


Cyan (68%)

Magenta (0%)

Yellow (46%)

Black (12%)



Cyan (72%)

Magenta (12%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4776056 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 4776056 by changing the saturation by 10% instead.

 4776056

 4776056

16777215

 1819486

 9043886

 42821

 11075530

 35884

 13041638

 28945

 15073279

 22528

 16128

 9984

 0

 4776056

 4776056

■ 3334249

■ 6217863

■ 1826905

■ 7725207

■ 385098

■ 9167014

■ 57415

■ 10674357

■ 12116165

■ 13557972

■ 15065315

■ 16507123

■ 16769279

Harmonies

Analogous

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



11260992



4776056



59069

Triad

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



4776056



53247



16747658

Complementary

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



4776056



14698672

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.



16745934



4776056



12302079

Square

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



4776056



57343



16750847



16754001

Rectangle

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



4776056



59116



16750847



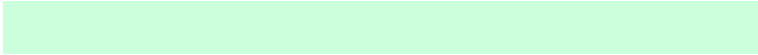
16746400

Sweetspot

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



4776056



13434844



11722824



6389867



0



8421504

Same Dimension

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



4776056



3211122



4776130



6647913



45112



12303

Inverse Universe

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



14698672



16724158



14698598



7365997



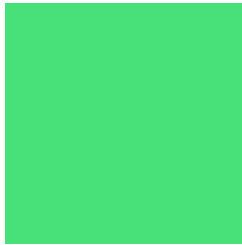
11534456



3145761

Previews

White Background



This preview shows how the Decimal color 4776056 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 4776056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

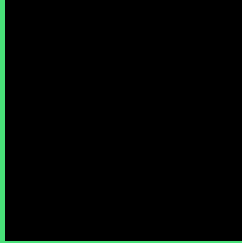
Any Text WCAG AA ✓ Pass

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 4776056 Background



This preview shows how black text looks on a background with the Decimal color 4776056.



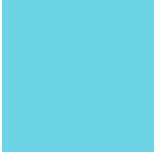
This preview shows how white text looks on a background with the Decimal color 4776056.

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





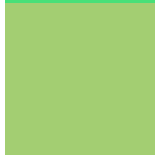
Tritanopia
7132389

Trichromacy



Original Color

4776056



Protanomaly

10735218



Deuteranomaly

11585662



Tritanomaly

6281405

Monochromacy



Original Color

4776056



Achromatopsia

10987431



Achromatomaly

8699030

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4776056 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 #48E078 looks like.

```
.text, #text, p{  
    color:#48E078  
}
```

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 #48E078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48E078
}
```

Border

The CSS property to change the border of an element to Decimal 4776056 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
#48E078 }
```

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

```
.border{ border-color:#48E078 }
```

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

Here you see how a box with a 4 pixel #48E078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48E078; -webkit-box-shadow:4px 4px  
4px 4px #48E078; box-shadow:4px 4px 4px  
4px #48E078 }
```

Background

The CSS property to change the background color of an element to Decimal 4776056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48E078 }
```

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

```
.background{ background-color:#48E078 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor