

Converting Colors

Decimal(4576879)

Have a look what the booklet for
Decimal(4576879) contains.

Decimal(4576879)	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(4576879)

Conversions

Conversions Part 1

Format	Color
Hex	45D66F
RGB	69, 214, 111
RGB Percent	27%, 84%, 44%
CMY	0.7294, 0.1608, 0.5647
CMYK	0.68, 0.00, 0.48, 0.16
HSL	137°, 64%, 55%
HSV	137°, 68%, 84%
XYZ	29.3701, 50.5060, 23.2396
YIQ	158.9030, -53.3570, -62.7730

Conversions

Conversions Part 2

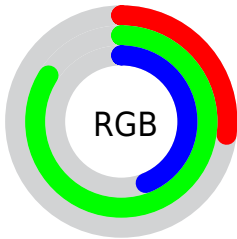
Format	Color
RYB	69, 181, 214
Decimal	4576879
CIELab	76.38, -60.15, 39.75
CIElCh	76, 72.100, 146.542
Yxy	50.5060, 0.2848, 0.4898
Android (android.graphics.Color)	4282766959 (0xFF45D66F)
YUV	158.9030, -23.6162, -78.8449
Hunter-Lab	71.0676, -50.5997, 30.3591

Details

The Decimal color **4576879** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **14042540**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **8781732**, and **40508** is the 20% darker color. If you saturate the color by 10%, you get **3200608**, and if you desaturate by 10%, it is **5953150**.

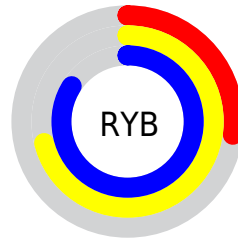
Distribution



Red (27%)

Green (84%)

Blue (44%)



Red (27%)

Yellow (71%)

Blue (84%)

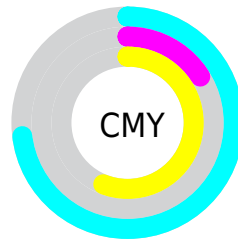


Cyan (68%)

Magenta (0%)

Yellow (48%)

Black (16%)



Cyan (73%)

Magenta (16%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4576879 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 4576879 by changing the saturation by 10% instead.



4576879



4576879

16777215



1620565



8781732



40508



10813376



33571



12779484



26886



14745593



20224



14080



7680



0



4576879



4576879

■ 3200608

■ 5953150

■ 1758801

■ 7394957

■ 382529

■ 8771229

■ 54846

■ 10213036

■ 11589307

■ 12965578

■ 14407385

■ 15783657

■ 16766712

Harmonies

Analogous

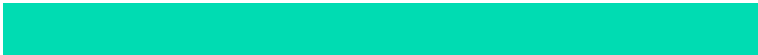
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10799672



4576879



56498

Triad

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



4576879



50943



16745605

Complementary

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



4576879



14042540

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.



16743879



4576879



11513599

Square

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



4576879



54783



16749055



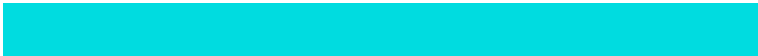
16751692

Rectangle

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



4576879



56544



16749055



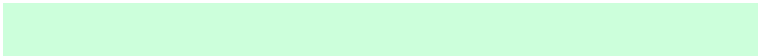
16744346

Sweetspot

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



4576879



13434843



11392581



6389866



0



8421504

Same Dimension

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



4576879



3211116



4576951



6318947



43825



11021

Inverse Universe

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



14042540



16724163



14042468



7037032



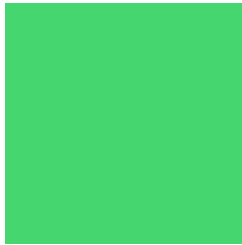
11206777



2818079

Previews

White Background



This preview shows how the Decimal color 4576879 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 4576879 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 4576879 Background



This preview shows how black text looks on a background with the Decimal color 4576879.



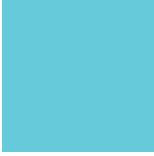
This preview shows how white text looks on a background with the Decimal color 4576879.

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](#).

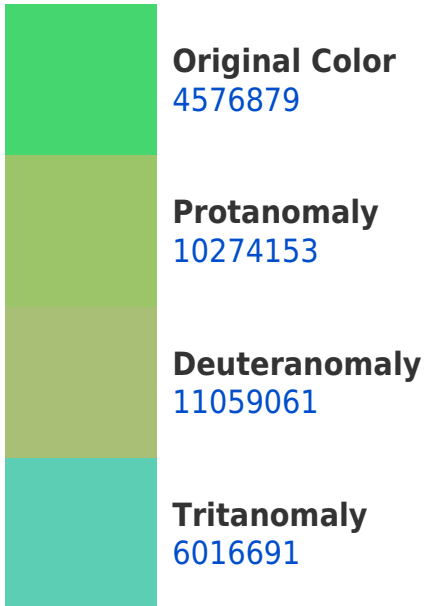
Dichromacy



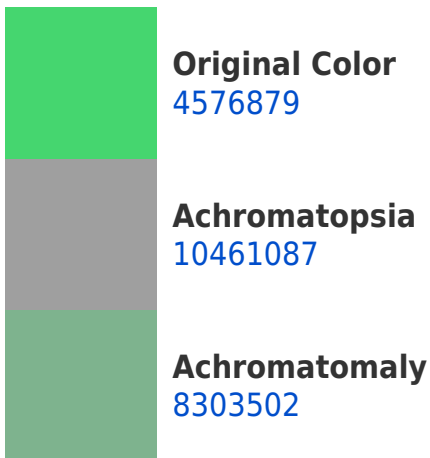


Tritanopia
6802138

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4576879 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 #45D66F looks like.

```
.text, #text, p{  
    color:#45D66F  
}
```

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 #45D66F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45D66F
}
```

Border

The CSS property to change the border of an element to Decimal 4576879 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
#45D66F }
```

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

```
.border{ border-color:#45D66F }
```

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

Here you see how a box with a 4 pixel #45D66F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45D66F; -webkit-box-shadow:4px 4px  
4px 4px #45D66F; box-shadow:4px 4px 4px  
4px #45D66F }
```

Background

The CSS property to change the background color of an element to Decimal 4576879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45D66F }
```

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

```
.background{ background-color:#45D66F }
```

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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