

Converting Colors

Decimal(4978259)

Have a look what the booklet for
Decimal(4978259) contains.

Decimal(4978259)	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(4978259)

Conversions

Conversions Part 1

Format	Color
Hex	4BF653
RGB	75, 246, 83
RGB Percent	29%, 96%, 33%
CMY	0.7059, 0.0353, 0.6745
CMYK	0.70, 0.00, 0.66, 0.04
HSL	123°, 90%, 63%
HSV	123°, 70%, 96%
XYZ	37.4188, 68.0319, 19.3429
YIQ	176.2890, -49.5930, -86.9450

Conversions

Conversions Part 2

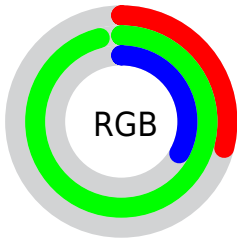
Format	Color
R_{YB}	75, 238, 246
Decimal	4978259
CIE _{Lab}	86.02, -73.30, 63.47
CIE _{LCh}	86, 96.958, 139.110
Yxy	68.0319, 0.2998, 0.5452
Android (android.graphics.Color)	4283168339 (0xFF4BF653)
YUV	176.2890, -45.9915, -88.8305
Hunter-Lab	82.4815, -63.3638, 43.8328

Details

The Decimal color **4978259** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed green. A complement of this color would be **16141294**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **9568139**, and **48144** is the 20% darker color. If you saturate the color by 10%, you get **3339836**, and if you desaturate by 10%, it is **6616682**.

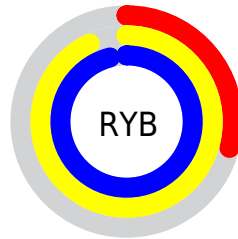
Distribution



Red (29%)

Green (96%)

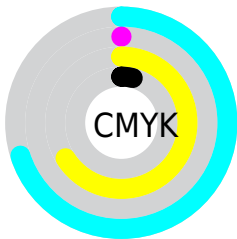
Blue (33%)



Red (29%)

Yellow (93%)

Blue (96%)

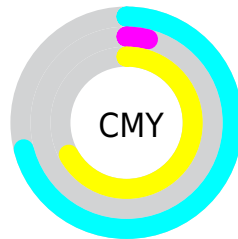


Cyan (70%)

Magenta (0%)

Yellow (66%)

Black (4%)



Cyan (71%)

Magenta (4%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4978259 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 4978259 by changing the saturation by 10% instead.



 4978259

 4978259

 3339836

 6616682

 1766948

 8189570

 128525

 9827993

 62988

 11400881

 13039304

 14677728

 16250615

 16774911

Harmonies

Analogous

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



13231104



4978259



65457

Triad

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



4978259



60671



16742561

Complementary

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



4978259



16141294

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.



16742909



4978259



8834559

Square

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



4978259



64767



16753151



16752203

Rectangle

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



4978259



65522



16753151



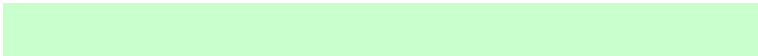
16741055

Sweetspot

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



4978259



13238220



15791691



6324321



0



8421504

Same Dimension

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



4978259



2883381



4978342



7240303



47625



15107

Inverse Universe

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



16141294



16722933



16141211



8023674



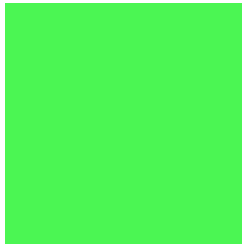
12189873



3866680

Previews

White Background



This preview shows how the Decimal color 4978259 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 4978259 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 4978259 Background



This preview shows how black text looks on a background with the Decimal color 4978259.

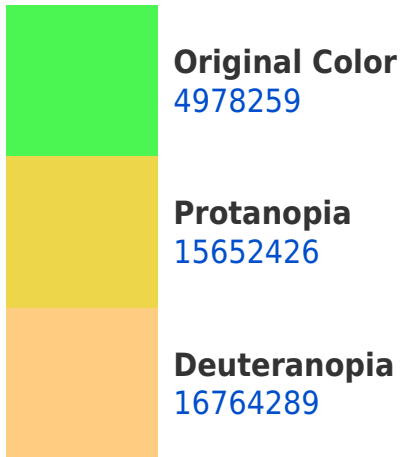


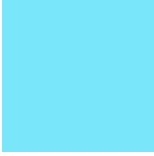
This preview shows how white text looks on a background with the Decimal color 4978259.

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



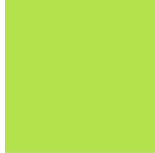


Tritanopia
7988985

Trichromacy



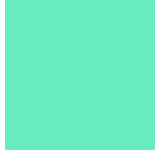
Original Color
4978259



Protanomaly
11788877

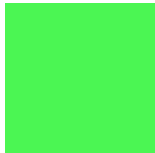


Deuteranomaly
12508272

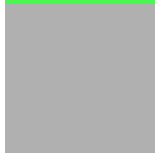


Tritanomaly
6876349

Monochromacy



Original Color
4978259



Achromatopsia
11579568



Achromatomaly
9161102

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4978259 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 #4BF653 looks like.

```
.text, #text, p{  
    color:#4BF653  
}
```

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 #4BF653 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BF653
}
```

Border

The CSS property to change the border of an element to Decimal 4978259 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
#4BF653 }
```

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

```
.border{ border-color:#4BF653 }
```

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

Here you see how a box with a 4 pixel #4BF653 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BF653; -webkit-box-shadow:4px 4px  
4px 4px #4BF653; box-shadow:4px 4px 4px  
4px #4BF653 }
```

Background

The CSS property to change the background color of an element to Decimal 4978259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BF653 }
```

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

```
.background{ background-color:#4BF653 }
```

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