

Converting Colors

Decimal(5003579)

Have a look what the booklet for
Decimal(5003579) contains.

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Color

Decimal(5003579)

Conversions

Conversions Part 1

Format	Color
Hex	4C593B
RGB	76, 89, 59
RGB Percent	30%, 35%, 23%
CMY	0.7020, 0.6510, 0.7686
CMYK	0.15, 0.00, 0.34, 0.65
HSL	86°, 20%, 29%
HSV	86°, 34%, 35%
XYZ	7.3423, 8.9970, 5.4873
YIQ	81.6930, 1.8820, -12.0860

Conversions

Conversions Part 2

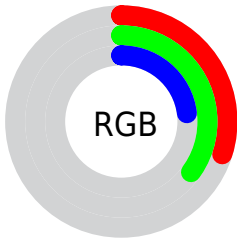
Format	Color
RYB	59, 89, 72
Decimal	5003579
CIELab	35.98, -11.10, 15.74
CIELCh	36, 19.263, 125.187
Yxy	8.9970, 0.3364, 0.4122
Android (android.graphics.Color)	4283193659 (0xFF4C593B)
YUV	81.6930, -11.1876, -4.9928
Hunter-Lab	29.9950, -8.7975, 10.1500

Details

The Decimal color **5003579** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4733785**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **8227691**, and **2042640** is the 20% darker color. If you saturate the color by 10%, you get **4741426**, and if you desaturate by 10%, it is **5265732**.

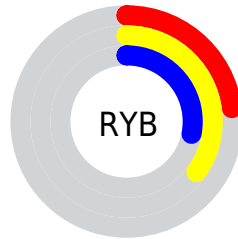
Distribution



 Red (30%)

 Green (35%)

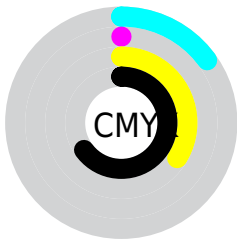
 Blue (23%)



 Red (23%)

 Yellow (35%)

 Blue (28%)

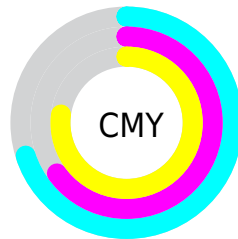


 Cyan (15%)

 Magenta (0%)

 Yellow (34%)

 Black (65%)



 Cyan (70%)

 Magenta (65%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5003579 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 5003579 by changing the saturation by 10% instead.

■ 5003579

■ 5003579

16777215

■ 3490341

■ 8227691

■ 2042640

■ 9938308

■ 333824

■ 11714718

■ 0

■ 13556921

■ 15399381

■ 16777201

■ 5003579

■ 5003579

■ 4741426

■ 5265732

■ 4479273

■ 5527885

■ 4217120

■ 5790038

■ 4020503

■ 5986655

■ 3758351

■ 6248808

■ 3496198

■ 6510960

■ 3299584

■ 6773113

■ 7035266

■ 7297419

Harmonies

Analogous

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



6116662



5003579



3824711

Triad

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



5003579



2972272



7555410

Complementary

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



5003579



4733785

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.



7031650



5003579



4478323

Square

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



5003579



2186342



5918830



7490372

Rectangle

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



5003579



3038546



5918830



7424344

Sweetspot

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



5003579



7238503



5851195



3685172



12237498



3881787

Same Dimension

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



5003579



6255429



4020539



2698023



4025088



8776448

Inverse Universe

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



4733785



5850483



5716825



2697003



3014763



6684907

Previews

White Background



This preview shows how the Decimal color 5003579 looks on a white background.

Color Contrast Check

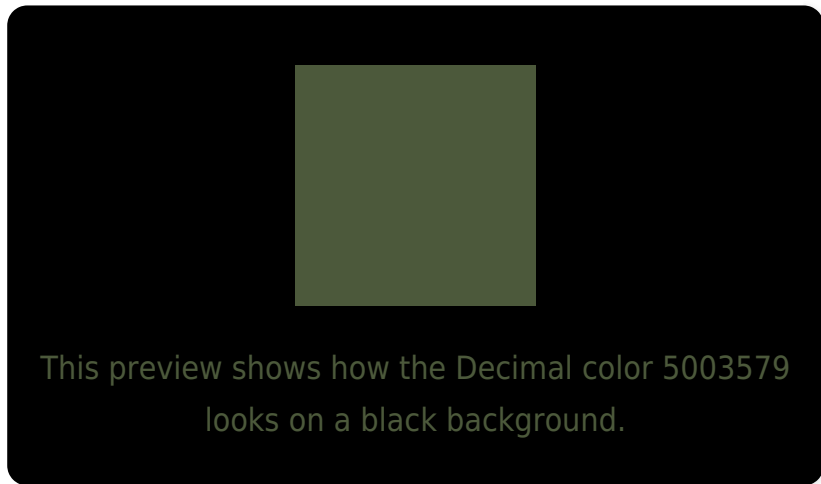
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

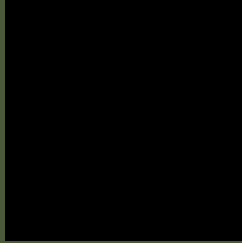
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

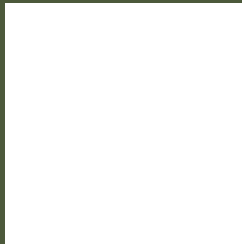
Any Text WCAG AAA × Fail

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

Decimal 5003579 Background



This preview shows how black text looks on a background with the Decimal color 5003579.



This preview shows how white text looks on a background with the Decimal color 5003579.

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

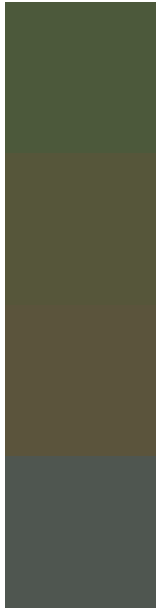


Original Color
5003579

Protanopia
6050873

Deuteranopia
6574397

Trichromacy



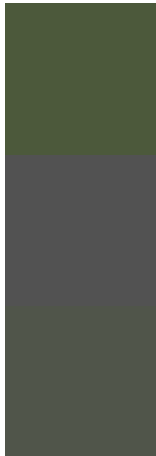
Original Color
5003579

Protanomaly
5658170

Deuteranomaly
5985340

Tritanomaly
5199440

Monochromacy



Original Color
5003579

Achromatopsia
5395026

Achromatomaly
5264714

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5003579 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 #4C593B looks like.

```
.text, #text, p{  
    color:#4C593B  
}
```

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 #4C593B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C593B
}
```

Border

The CSS property to change the border of an element to Decimal 5003579 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
#4C593B }
```

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

```
.border{ border-color:#4C593B }
```

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

Here you see how a box with a 4 pixel #4C593B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C593B; -webkit-box-shadow:4px 4px  
4px 4px #4C593B; box-shadow:4px 4px 4px  
4px #4C593B }
```

Background

The CSS property to change the background color of an element to Decimal 5003579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C593B }
```

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

```
.background{ background-color:#4C593B }
```

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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