

Converting Colors

Decimal(5799505)

Have a look what the booklet for
Decimal(5799505) contains.

Decimal(5799505)	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(5799505)

Conversions

Conversions Part 1

Format	Color
Hex	587E51
RGB	88, 126, 81
RGB Percent	35%, 49%, 32%
CMY	0.6549, 0.5059, 0.6824
CMYK	0.30, 0.00, 0.36, 0.51
HSL	111°, 22%, 41%
HSV	111°, 36%, 49%
XYZ	12.9706, 17.5905, 10.4963
YIQ	109.5080, -8.2030, -22.0510

Conversions

Conversions Part 2

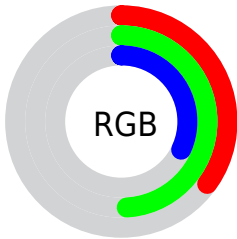
Format	Color
RYB	81, 126, 119
Decimal	5799505
CIELab	49.00, -22.73, 20.36
CIElCh	49, 30.516, 138.155
Yxy	17.5905, 0.3159, 0.4284
Android (android.graphics.Color)	4283989585 (0xFF587E51)
YUV	109.5080, -14.0544, -18.8625
Hunter-Lab	41.9410, -18.1944, 14.5207

Details

The Decimal color **5799505** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7819646**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **9155459**, and **2641187** is the 20% darker color. If you saturate the color by 10%, you get **5078596**, and if you desaturate by 10%, it is **6520414**.

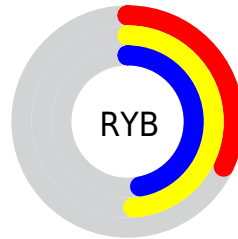
Distribution



Red (35%)

Green (49%)

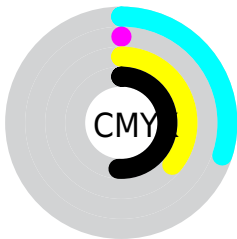
Blue (32%)



Red (32%)

Yellow (49%)

Blue (47%)

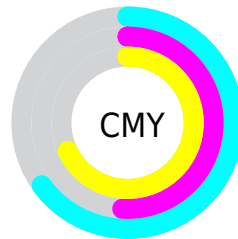


Cyan (30%)

Magenta (0%)

Yellow (36%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5799505 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 5799505 by changing the saturation by 10% instead.



5799505



5799505

16777215



4220218



9155459



2641187



10932125



1062414



12708792



8448



14614484



0



16449520



5799505



5799505



5078596



6520414



4423224



7175786

■ 3702315

■ 7896695

■ 2981407

■ 8617603

■ 2326034

■ 9272976

■ 1605125

■ 9993885

■ 1342976

■ 10649257

■ 11370166

■ 12091074

Harmonies

Analogous

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



7698498



5799505



3506537

Triad

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



5799505



3832487



10969446

Complementary

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



5799505



7819646

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.



10510720



5799505



6845093

Square

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



5799505



32922



9136279



10511951

Rectangle

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



5799505



1409659



9136279



10903662

Sweetspot

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



5799505



9741201



8288081



4805191



13750737



5395026

Same Dimension

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



5799505



6857565



5340768



3817529



1343488



0

Inverse Universe

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



7819646



9985443



8278383



4143424



7078016



0

Previews

White Background



This preview shows how the Decimal color 5799505 looks on a white background.

Color Contrast Check

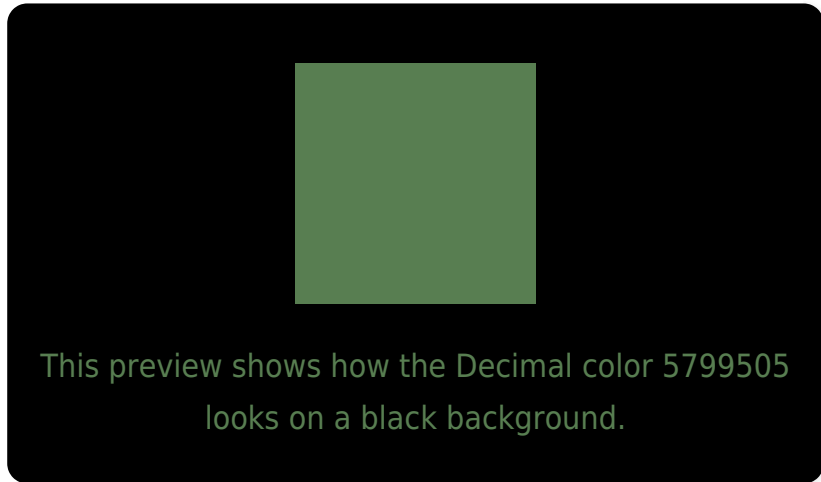
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 × Fail

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

Decimal 5799505 Background



This preview shows how black text looks on a background with the Decimal color 5799505.

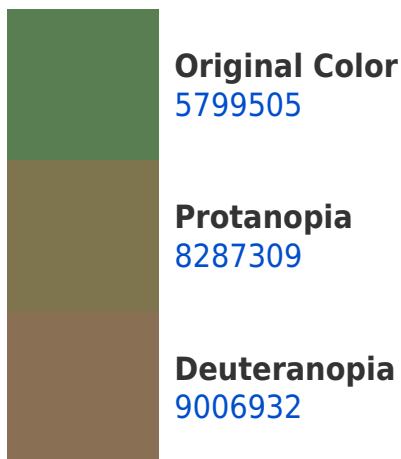


This preview shows how white text looks on a background with the Decimal color 5799505.

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
6322306

Trichromacy



Original Color
5799505

Protanomaly
7370830

Deuteranomaly
7828563

Tritanomaly
6126192

Monochromacy



Original Color
5799505

Achromatopsia
7237230

Achromatomaly
6714467

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5799505 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 #587E51 looks like.

```
.text, #text, p{  
    color:#587E51  
}
```

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 #587E51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587E51
}
```

Border

The CSS property to change the border of an element to Decimal 5799505 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
#587E51 }
```

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

```
.border{ border-color:#587E51 }
```

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

Here you see how a box with a 4 pixel #587E51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587E51; -webkit-box-shadow:4px 4px  
4px 4px #587E51; box-shadow:4px 4px 4px  
4px #587E51 }
```

Background

The CSS property to change the background color of an element to Decimal 5799505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587E51 }
```

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

```
.background{ background-color:#587E51 }
```

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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