

Converting Colors

Decimal(6585949)

Have a look what the booklet for
Decimal(6585949) contains.

Decimal(6585949)	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(6585949)

Conversions

Conversions Part 1

Format	Color
Hex	647E5D
RGB	100, 126, 93
RGB Percent	39%, 49%, 36%
CMY	0.6078, 0.5059, 0.6353
CMYK	0.21, 0.00, 0.26, 0.51
HSL	107°, 15%, 43%
HSV	107°, 26%, 49%
XYZ	14.6922, 18.4213, 13.1372
YIQ	114.4640, -4.9030, -15.7750

Conversions

Conversions Part 2

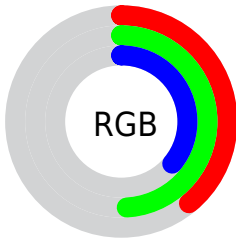
Format	Color
R_{YB}	93, 126, 119
Decimal	6585949
CIE _{Lab}	50.00, -16.16, 14.97
CIE _{LCh}	50, 22.026, 137.181
Yxy	18.4213, 0.3177, 0.3983
Android (android.graphics.Color)	4284776029 (0xFF647E5D)
YUV	114.4640, -10.5818, -12.6849
Hunter-Lab	42.9201, -14.0070, 11.8962

Details

The Decimal color **6585949** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7822718**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **9941903**, and **3427631** is the 20% darker color. If you saturate the color by 10%, you get **5930576**, and if you desaturate by 10%, it is **7241322**.

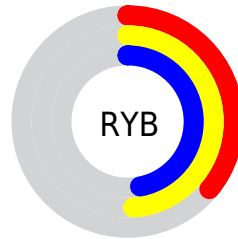
Distribution



 Red (39%)

 Green (49%)

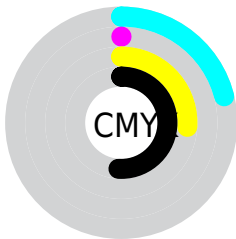
 Blue (36%)



 Red (36%)

 Yellow (49%)

 Blue (47%)

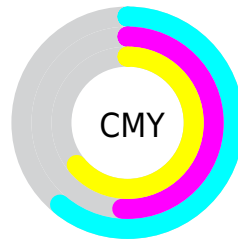



 Cyan (21%)


 Magenta (0%)

 Yellow (26%)

 Black (51%)



 Cyan (61%)

 Magenta (51%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6585949 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 6585949 by changing the saturation by 10% instead.



6585949



6585949

16777215



5006661



9941903



3427631



11718314



1979930



13560773



729088



15400929



0

16777214



6585949



6585949



5930576



7241322



5275204



7896694

■ 4619831

■ 8552067

■ 3964459

■ 9207439

■ 3309086

■ 9862812

■ 2653713

■ 10518185

■ 2063877

■ 11108021

■ 1801728

■ 11763394

■ 12418766

Harmonies

Analogous

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



7960915



6585949



5210478

Triad

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



6585949



5471131



10316141

Complementary

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



6585949



7822718

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.



9923200



6585949



7304603

Square

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



6585949



4161426



8875665



9989468

Rectangle

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



6585949



4424059



8875665



10250611

Sweetspot

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



6585949



10068886



8288093



4936265



13750737



5395026

Same Dimension

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



6585949



8102769



6127206



3883065



1802240



0

Inverse Universe

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



7822718



9990563



8281461



4077888



6553728



0

Previews

White Background



This preview shows how the Decimal color 6585949 looks on a white background.

Color Contrast Check

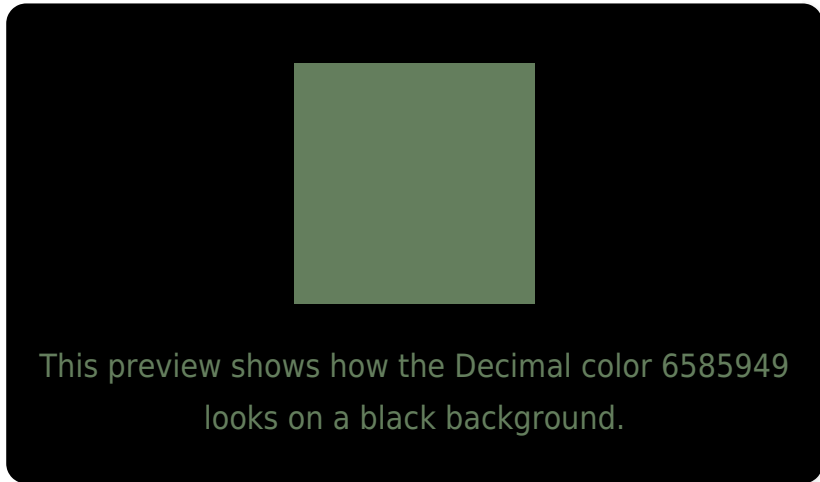
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

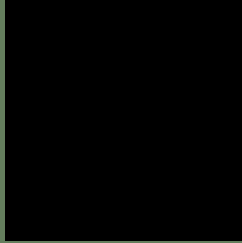
Any Text WCAG AA ✓ Pass

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 6585949 Background



This preview shows how black text looks on a background with the Decimal color 6585949.



This preview shows how white text looks on a background with the Decimal color 6585949.

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
6585949

Protanopia
8353370

Deuteranopia
9073248

Trichromacy



Original Color
6585949

Protanomaly
7698779

Deuteranomaly
8156767

Tritanomaly
6847349

Monochromacy



Original Color
6585949

Achromatopsia
7500402

Achromatomaly
7173738

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6585949 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 #647E5D looks like.

```
.text, #text, p{  
    color:#647E5D  
}
```

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 #647E5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647E5D
}
```

Border

The CSS property to change the border of an element to Decimal 6585949 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
#647E5D }
```

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

```
.border{ border-color:#647E5D }
```

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

Here you see how a box with a 4 pixel #647E5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647E5D; -webkit-box-shadow:4px 4px  
4px 4px #647E5D; box-shadow:4px 4px 4px  
4px #647E5D }
```

Background

The CSS property to change the background color of an element to Decimal 6585949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647E5D }
```

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

```
.background{ background-color:#647E5D }
```

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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