

# Converting Colors

Decimal(6782557)

Have a look what the booklet for  
Decimal(6782557) contains.

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# Color

**Decimal(6782557)**

# Conversions

## Conversions Part 1

Format	Color
Hex	677E5D
RGB	103, 126, 93
RGB Percent	40%, 49%, 36%
CMY	0.5961, 0.5059, 0.6353
CMYK	0.18, 0.00, 0.26, 0.51
HSL	102°, 15%, 43%
HSV	102°, 26%, 49%
XYZ	15.0302, 18.5956, 13.1531
YIQ	115.3610, -3.1150, -15.1390

# Conversions

## Conversions Part 2

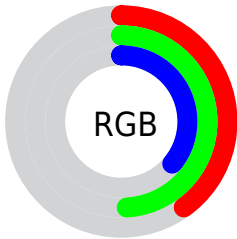
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 126, 116
Decimal	6782557
CIE <sub>Lab</sub>	50.21, -15.01, 15.29
CIE <sub>LCh</sub>	50, 21.425, 134.469
Yxy	18.5956, 0.3213, 0.3975
Android (android.graphics.Color)	4284972637 (0xFF677E5D)
YUV	115.3610, -11.0240, -10.8406
Hunter-Lab	43.1226, -13.2493, 12.1015

# Details

The Decimal color **6782557** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7626110**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **10138511**, and **3624239** is the 20% darker color. If you saturate the color by 10%, you get **6192720**, and if you desaturate by 10%, it is **7372394**.

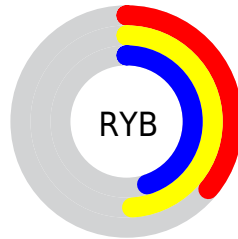
# Distribution



Red (40%)

Green (49%)

Blue (36%)



Red (36%)

Yellow (49%)

Blue (45%)

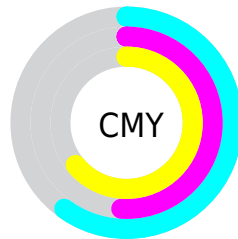


Cyan (18%)

Magenta (0%)

Yellow (26%)

Black (51%)



Cyan (60%)

Magenta (51%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6782557 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 6782557 by changing the saturation by 10% instead.





6782557



6782557

16777215



5203269



10138511



3624239



11914922



2176538



13757381



925952



15663073



256

16777214



0



6782557



6782557



6192720



7372394



5602884



7962230

■ 5078583

■ 8486531

■ 4488747

■ 9076367

■ 3898910

■ 9666204

■ 3309073

■ 10256041

■ 2784773

■ 10780341

■ 2522624

■ 11370178

■ 11960014

# Harmonies

## Analogous

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



8157524



6782557



5407085

# Triad

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



6782557



5471386



10250863

# Complementary

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



6782557



7626110

# 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.



9857922



6782557



7173787

# Square

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



6782557



4292752



8745106



10055007

# Rectangle

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



6782557



4686458



8745106



10185333



# Sweetspot

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



6782557



10134422



8287325



5001801



13750737



5395026



# Same Dimension

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



6782557



8430449



6127203



3883065



2588672



0



# Inverse Universe

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



7626110



9728419



8281464



4077888



5832832



0



# Previews

## White Background



This preview shows how the Decimal color 6782557 looks on a white background.

## Color Contrast Check

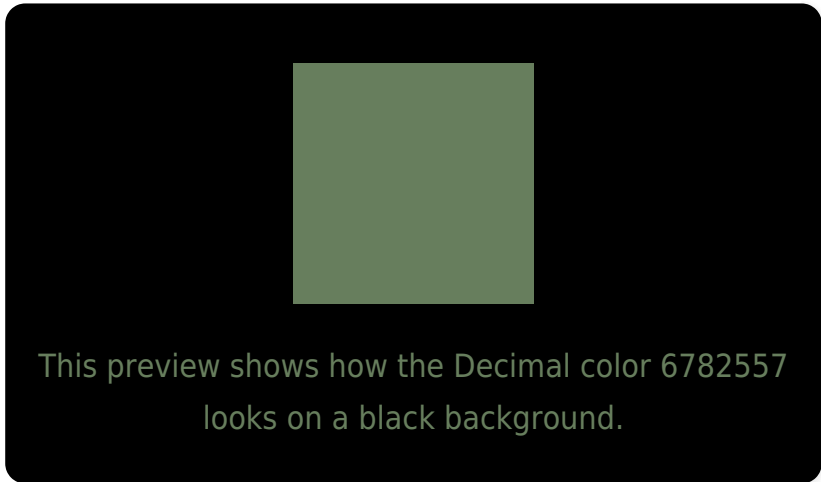
Large Text (above 18pt) WCAG AA ✓ Pass

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

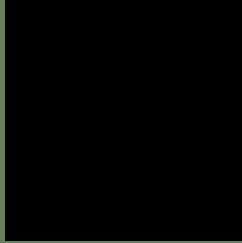
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6782557 Background



This preview shows how black text looks on a background with the Decimal color 6782557.

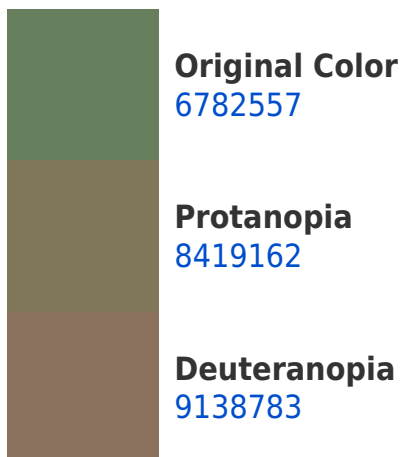


This preview shows how white text looks on a background with the Decimal color 6782557.

# 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





# Trichromacy



**Original Color**  
6782557

**Protanomaly**  
7830107

**Deuteranomaly**  
8287838

**Tritanomaly**  
7043957

# Monochromacy



**Original Color**  
6782557

**Achromatopsia**  
7566195

**Achromatomaly**  
7305067

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6782557 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 #677E5D looks like.

```
.text, #text, p{  
    color:#677E5D  
}
```

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 #677E5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677E5D
}
```

## Border

The CSS property to change the border of an element to Decimal 6782557 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
#677E5D }
```

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

```
.border{ border-color:#677E5D }
```

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

Here you see how a box with a 4 pixel #677E5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677E5D; -webkit-box-shadow:4px 4px  
4px 4px #677E5D; box-shadow:4px 4px 4px  
4px #677E5D }
```

# Background

The CSS property to change the background color of an element to Decimal 6782557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677E5D }
```

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

```
.background{ background-color:#677E5D }
```

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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