

# Converting Colors

Decimal(7511640)

Have a look what the booklet for  
Decimal(7511640) contains.

<b>Decimal(7511640)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(7511640)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	729E58
RGB	114, 158, 88
RGB Percent	45%, 62%, 35%
CMY	0.5529, 0.3804, 0.6549
CMYK	0.28, 0.00, 0.44, 0.38
HSL	98°, 28%, 48%
HSV	98°, 44%, 62%
XYZ	20.9277, 28.7357, 13.6761
YIQ	136.8640, -3.7540, -31.0980

# Conversions

## Conversions Part 2

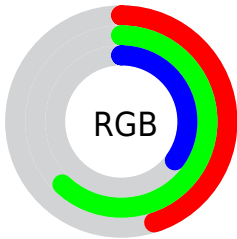
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 158, 132
Decimal	7511640
CIELab	60.55, -28.02, 31.82
CIElCh	61, 42.399, 131.371
Yxy	28.7357, 0.3304, 0.4537
Android (android.graphics.Color)	4285701720 (0xFF729E58)
YUV	136.8640, -24.0900, -20.0517
Hunter-Lab	53.6057, -24.1233, 22.3977

# Details

The Decimal color **7511640** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8673438**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **10999179**, and **4155944** is the 20% darker color. If you saturate the color by 10%, you get **6856264**, and if you desaturate by 10%, it is **8167016**.

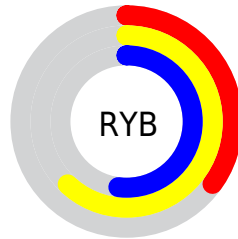
# Distribution



Red (45%)

Green (62%)

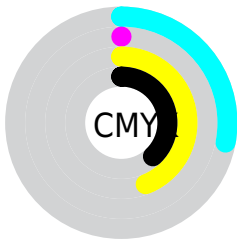
Blue (35%)



Red (35%)

Yellow (62%)

Blue (52%)

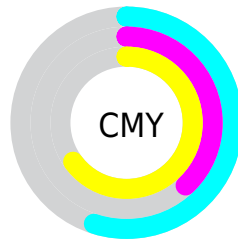


Cyan (28%)

Magenta (0%)

Yellow (44%)

Black (38%)



Cyan (55%)

Magenta (38%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7511640 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 7511640 by changing the saturation by 10% instead.



 7511640

 7511640

16777215

 5801024

 10999179

 4155944

 12841382

 2511376

 14745537

 866816

 16646109

 9472

 16777210


 1024

 0

 7511640

 7511640

 6856264

 8167016

■ 6200888

■ 8822392

■ 5545513

■ 9477767

■ 4890137

■ 10133143

■ 4234761

■ 10788519

■ 3907072

■ 11443895

■ 12099271

■ 12689110

■ 13344486

# Harmonies

## Analogous

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



10196038



7511640



3974265

# Triad

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



7511640



40152



14250885

# Complementary

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



7511640



8673438

# 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.



13334443



7511640



7311835

# Square

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



7511640



41922



11043786



13859682

# Rectangle

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



7511640



42387



11043786



14119826



# Sweetspot

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



7511640



12505012



10388312



6187352



15263976



6908265



# Same Dimension

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



7511640



9097057



5807712



4869959



3510016



397056



# Inverse Universe

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



8673438



10904015



10377366



4998991



5898383



655375



# Previews

## White Background



This preview shows how the Decimal color 7511640 looks on a white background.

## Color Contrast Check

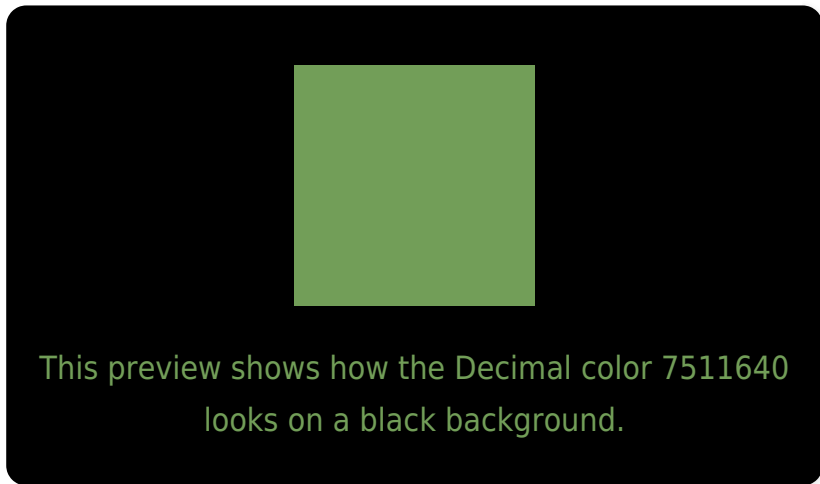
Large Text (above 18pt) WCAG AA ✓ Pass

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

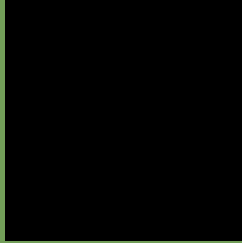
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 7511640 Background



This preview shows how black text looks on a background with the Decimal color 7511640.

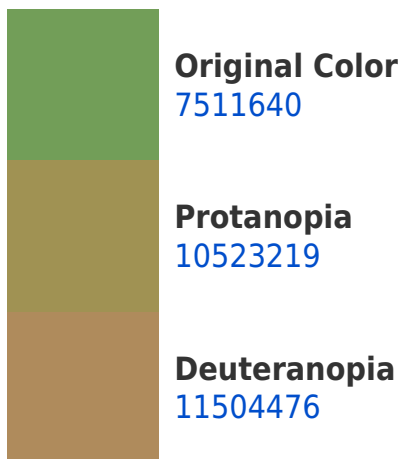



This preview shows how white text looks on a background with the Decimal color 7511640.

# 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**  
8230561

# Trichromacy



**Original Color**  
7511640

**Protanomaly**  
9410133

**Deuteranomaly**  
10064475

**Tritanomaly**  
7969158

# Monochromacy



**Original Color**  
7511640

**Achromatopsia**  
9013641

**Achromatomaly**  
8491383

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7511640 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 #729E58 looks like.

```
.text, #text, p{  
    color:#729E58  
}
```

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 #729E58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729E58
}
```

## Border

The CSS property to change the border of an element to Decimal 7511640 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
#729E58 }
```

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

```
.border{ border-color:#729E58 }
```

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

Here you see how a box with a 4 pixel #729E58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729E58; -webkit-box-shadow:4px 4px  
4px 4px #729E58; box-shadow:4px 4px 4px  
4px #729E58 }
```

# Background

The CSS property to change the background color of an element to Decimal 7511640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729E58 }
```

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

```
.background{ background-color:#729E58 }
```

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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