

# Converting Colors

Decimal(6258014)

Have a look what the booklet for  
Decimal(6258014) contains.

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# Color

**Decimal(6258014)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F7D5E
RGB	95, 125, 94
RGB Percent	37%, 49%, 37%
CMY	0.6275, 0.5098, 0.6314
CMYK	0.24, 0.00, 0.25, 0.51
HSL	118°, 14%, 43%
HSV	118°, 25%, 49%
XYZ	14.0733, 17.9083, 13.3046
YIQ	112.4960, -7.9290, -16.0010

# Conversions

## Conversions Part 2

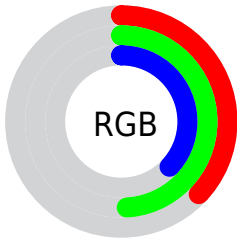
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 125, 124
Decimal	6258014
CIE <sub>Lab</sub>	49.38, -17.31, 13.49
CIE <sub>LCh</sub>	49, 21.945, 142.080
Yxy	17.9083, 0.3108, 0.3954
Android (android.graphics.Color)	4284448094 (0xFF5F7D5E)
YUV	112.4960, -9.1185, -15.3440
Hunter-Lab	42.3182, -14.6949, 10.9823

# Details

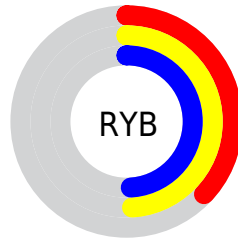
The Decimal color **6258014** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8150653**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **9613968**, and **3165232** is the 20% darker color. If you saturate the color by 10%, you get **5471570**, and if you desaturate by 10%, it is **7044459**.

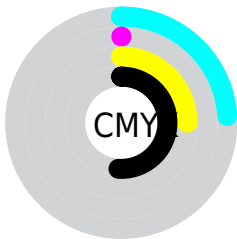
# Distribution



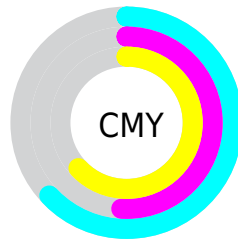
- Red (37%)
- Green (49%)
- Blue (37%)



- Red (37%)
- Yellow (49%)
- Blue (49%)



- Cyan (24%)
- Magenta (0%)
- Yellow (25%)
- Black (51%)



- Cyan (63%)
- Magenta (51%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6258014 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 6258014 by changing the saturation by 10% instead.





6258014



6258014

16777215



4678726



9613968



3165232



11390379



1651995



13167302



270337



15073250



0



6258014



6258014



5471570



7044459



4685125



7830903



3898681



8617348

■ 3112236

■ 9403792

■ 2325792

■ 10190237

■ 1473811

■ 11042217

■ 687367

■ 11828662

■ 294144

■ 12615106

■ 13401551

# Harmonies

## Analogous

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



7633235



6258014



4882288

# Triad

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



6258014



5667226



10184808

# Complementary

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



6258014



8150653

# 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.



9922683



6258014



7434904

# Square

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



6258014



4226450



8940684



9792601

# Rectangle

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



6258014



4161660



8940684



10184814



# Sweetspot

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



6258014



10003352



8223838



4936267



13750737



5395026



# Same Dimension

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



6258014



7644018



6192492



3817529



294912



0



# Inverse Universe

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



8150653



10646179



8216175



4208960



8061056



0



# Previews

## White Background



This preview shows how the Decimal color 6258014 looks on a white background.

## Color Contrast Check

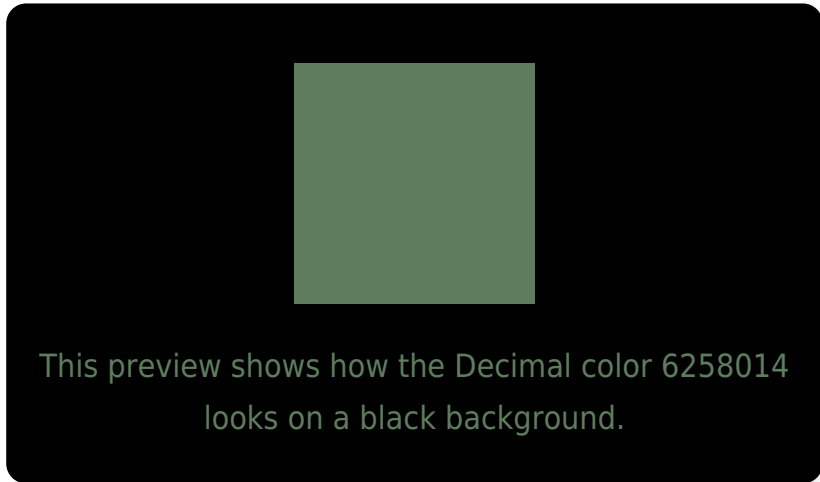
Large Text (above 18pt) WCAG AA ✓ Pass

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

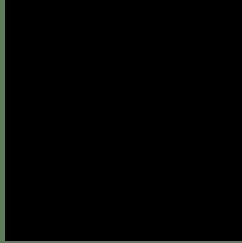
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6258014 Background



This preview shows how black text looks on a background with the Decimal color 6258014.



This preview shows how white text looks on a background with the Decimal color 6258014.

# 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](#).

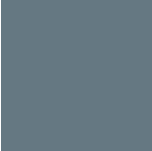
## Dichromacy



**Original Color**  
6258014

**Protanopia**  
8222042

**Deuteranopia**  
8876385



**Tritanopia**  
6649986

# Trichromacy



**Original Color**  
6258014

**Protanomaly**  
7501915

**Deuteranomaly**  
7894368

**Tritanomaly**  
6519413

# Monochromacy



**Original Color**  
6258014

**Achromatopsia**  
7368816

**Achromatomaly**  
6976873

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6258014 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 #5F7D5E looks like.

```
.text, #text, p{  
  color:#5F7D5E  
}
```

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 #5F7D5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7D5E
}
```

## Border

The CSS property to change the border of an element to Decimal 6258014 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".

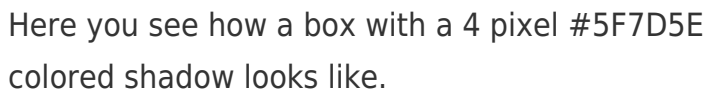
```
.border, #border, table{ border:4px solid
#5F7D5E }
```

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

```
.border{ border-color:#5F7D5E }
```

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

Here you see how a box with a 4 pixel #5F7D5E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7D5E; -webkit-box-shadow:4px 4px  
4px 4px #5F7D5E; box-shadow:4px 4px 4px  
4px #5F7D5E }
```

# Background

The CSS property to change the background color of an element to Decimal 6258014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7D5E }
```

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

```
.background{ background-color:#5F7D5E }
```

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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