

# Converting Colors

Decimal(6455658)

Have a look what the booklet for  
Decimal(6455658) contains.

<b>Decimal(6455658)</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(6455658)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62816A
RGB	98, 129, 106
RGB Percent	38%, 51%, 42%
CMY	0.6157, 0.4941, 0.5843
CMYK	0.24, 0.00, 0.18, 0.49
HSL	135°, 14%, 45%
HSV	135°, 24%, 51%
XYZ	15.4888, 19.3378, 16.5519
YIQ	117.1090, -11.0930, -13.7250

# Conversions

## Conversions Part 2

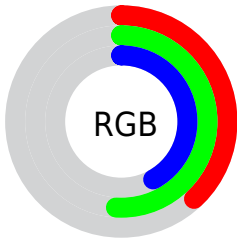
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 123, 129
Decimal	6455658
CIE <sub>Lab</sub>	51.08, -16.03, 8.92
CIE <sub>LCh</sub>	51, 18.345, 150.923
Yxy	19.3378, 0.3015, 0.3764
Android (android.graphics.Color)	4284645738 (0xFF62816A)
YUV	117.1090, -5.4767, -16.7586
Hunter-Lab	43.9748, -14.0846, 8.4659

# Details

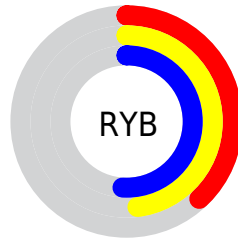
The Decimal color **6455658** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8479353**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **9811613**, and **3297339** is the 20% darker color. If you saturate the color by 10%, you get **5603680**, and if you desaturate by 10%, it is **7307636**.

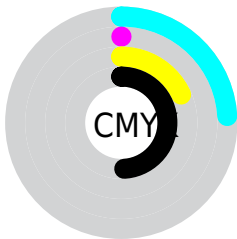
# Distribution



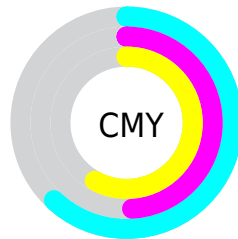
- Red (38%)
- Green (51%)
- Blue (42%)



- Red (38%)
- Yellow (48%)
- Blue (51%)



- Cyan (24%)
- Magenta (0%)
- Yellow (18%)
- Black (49%)



- Cyan (62%)
- Magenta (49%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6455658 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 6455658 by changing the saturation by 10% instead.





6455658



6455658

16777215



4876370



9811613



3297339



11588280



1849637



13430484



467728



15269872



1792



0



6455658



6455658



5603680



7307636



4751703



8159613

■ 3899725

■ 9011591

■ 3047748

■ 9863568

■ 2261306

■ 10715546

■ 1409329

■ 11501987

■ 557351

■ 12353965

■ 33057

■ 13205943

■ 14057920

# Harmonies

## Analogous

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



7634527



6455658



5473146

# Triad

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



6455658



6781849



10055786

# Complementary

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



6455658



8479353

# 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.



9989754



6455658



8222100

# Square

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



6455658



5603221



9335177



9598047

# Rectangle

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



6455658



5079684



9335177



10121071



# Sweetspot

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



6455658



10332320



7962978



5067855



13948116



5526612



# Same Dimension

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



6455658



7841924



6455673



3751995



32801



0



# Inverse Universe

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



8479353



11040668



8479338



4208958



8388703



0



# Previews

## White Background



This preview shows how the Decimal color 6455658 looks on a white background.

## Color Contrast Check

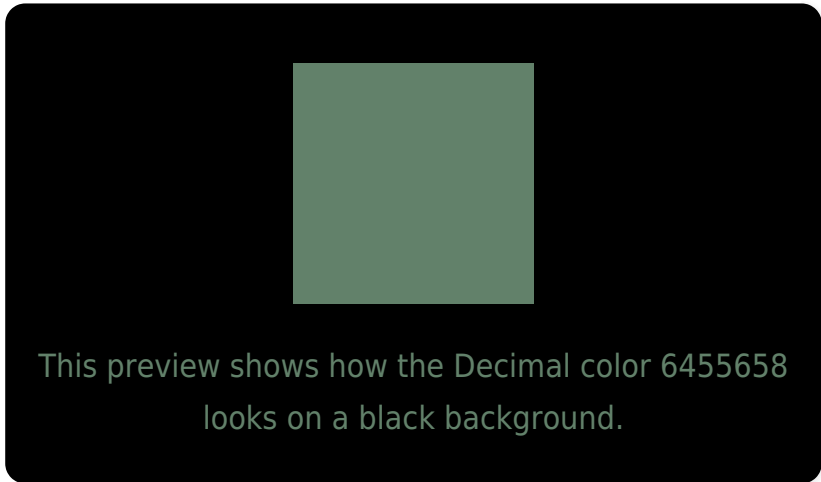
Large Text (above 18pt) WCAG AA ✓ Pass

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

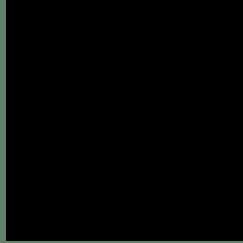
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6455658 Background



This preview shows how black text looks on a background with the Decimal color 6455658.

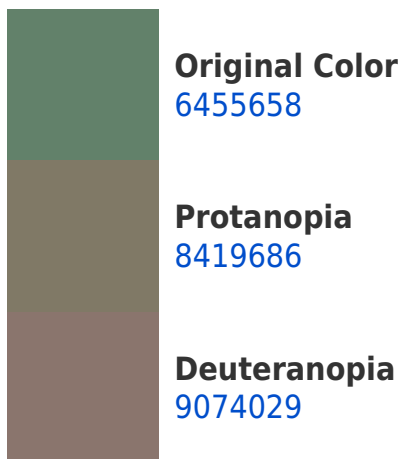


This preview shows how white text looks on a background with the Decimal color 6455658.

# 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**  
6455658

**Protanomaly**  
7699559

**Deuteranomaly**  
8092012

**Tritanomaly**  
6651516

# Monochromacy



**Original Color**  
6455658

**Achromatopsia**  
7697781

**Achromatomaly**  
7240049

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6455658 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 #62816A looks like.

```
.text, #text, p{  
  color:#62816A  
}
```

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 #62816A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62816A
}
```

## Border

The CSS property to change the border of an element to Decimal 6455658 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
#62816A }
```

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

```
.border{ border-color:#62816A }
```

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

Here you see how a box with a 4 pixel #62816A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62816A; -webkit-box-shadow:4px 4px  
4px 4px #62816A; box-shadow:4px 4px 4px  
4px #62816A }
```

# Background

The CSS property to change the background color of an element to Decimal 6455658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62816A }
```

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

```
.background{ background-color:#62816A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor