

# Converting Colors

Decimal(7111528)

Have a look what the booklet for  
Decimal(7111528) contains.

<b>Decimal(7111528)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(7111528)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C8368
RGB	108, 131, 104
RGB Percent	42%, 51%, 41%
CMY	0.5765, 0.4863, 0.5922
CMYK	0.18, 0.00, 0.21, 0.49
HSL	111°, 11%, 46%
HSV	111°, 21%, 51%
XYZ	16.7993, 20.4202, 16.1528
YIQ	121.0450, -5.0410, -13.2730

# Conversions

## Conversions Part 2

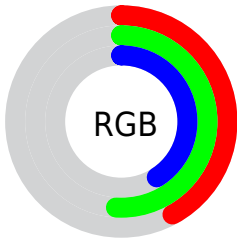
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 131, 127
Decimal	7111528
CIELab	52.31, -13.84, 11.90
CIElCh	52, 18.249, 139.302
Yxy	20.4202, 0.3148, 0.3826
Android (android.graphics.Color)	4285301608 (0xFF6C8368)
YUV	121.0450, -8.4032, -11.4405
Hunter-Lab	45.1887, -12.7213, 10.4388

# Details

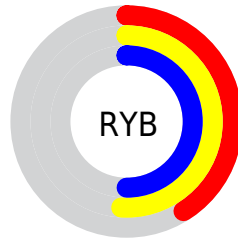
The Decimal color **7111528** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8349827**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **10533019**, and **3953209** is the 20% darker color. If you saturate the color by 10%, you get **6390619**, and if you desaturate by 10%, it is **7832437**.

# Distribution



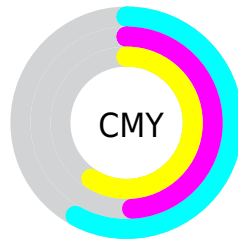
- Red (42%)
- Green (51%)
- Blue (41%)



- Red (41%)
- Yellow (51%)
- Blue (50%)



- Cyan (18%)
- Magenta (0%)
- Yellow (21%)
- Black (49%)



- Cyan (58%)
- Magenta (49%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7111528 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 7111528 by changing the saturation by 10% instead.





7111528



7111528

16777215



5532240



10533019



3953209



12309686



2505251



14151890



1123598



15990766



3840



0



7111528



7111528



6390619



7832437



5669710



8553346

■ 4948801

■ 9274255

■ 4162356

■ 10060700

■ 3441447

■ 10781610

■ 2720537

■ 11502519

■ 1999628

■ 12223428

■ 1278720

■ 12944337

■ 13665246

# Harmonies

## Analogous

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



8290143



7111528



5997942

# Triad

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



7111528



6520987



10318451

# Complementary

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



7111528



8349827

# 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.



10056323



7111528



7895962

# Square

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



7111528



5473428



9139857



10057062

# Rectangle

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



7111528



5473921



9139857



10318456



# Sweetspot

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



7111528



10660769



8617832



5396305



14079702



5723991



# Same Dimension

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



7111528



8825728



6849393



4014652



1278464



768



# Inverse Universe

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



8349827



10846379



8611962



4275266



7274626



131075



# Previews

## White Background



This preview shows how the Decimal color 7111528 looks on a white background.

## Color Contrast Check

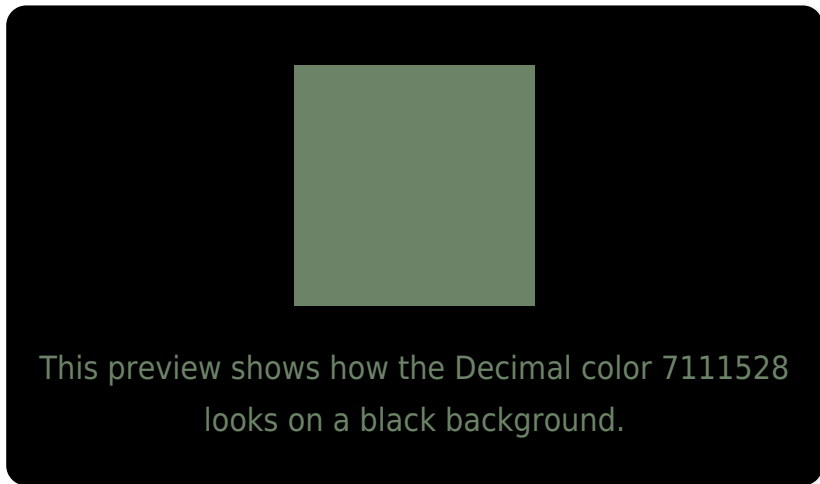
Large Text (above 18pt) WCAG AA ✓ Pass

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

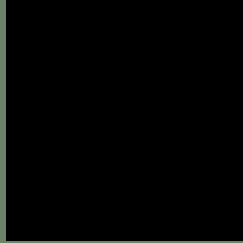
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

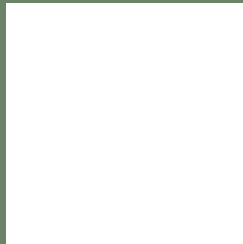
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 711528 Background



This preview shows how black text looks on a background with the Decimal color 711528.

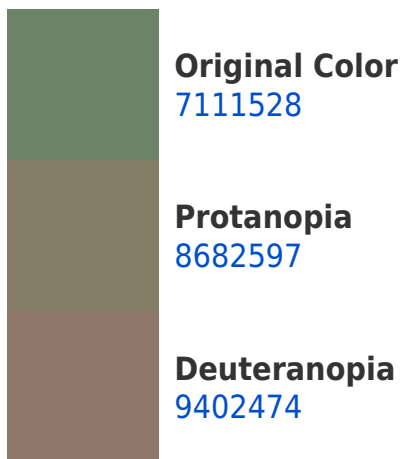


This preview shows how white text looks on a background with the Decimal color 711528.

# 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**  
7438217

# Trichromacy



**Original Color**  
7111528

**Protanomaly**  
8093542

**Deuteranomaly**  
8551529

**Tritanomaly**  
7307389

# Monochromacy



**Original Color**  
7111528

**Achromatopsia**  
7960953

**Achromatomaly**  
7634291

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7111528 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 #6C8368 looks like.

```
.text, #text, p{  
    color:#6C8368  
}
```

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 #6C8368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C8368
}
```

## Border

The CSS property to change the border of an element to Decimal 7111528 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
#6C8368 }
```

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

```
.border{ border-color:#6C8368 }
```

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

Here you see how a box with a 4 pixel #6C8368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C8368; -webkit-box-shadow:4px 4px  
4px 4px #6C8368; box-shadow:4px 4px 4px  
4px #6C8368 }
```

# Background

The CSS property to change the background color of an element to Decimal 7111528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C8368 }
```

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

```
.background{ background-color:#6C8368 }
```

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