

Converting Colors

Decimal(6768189)

Have a look what the booklet for
Decimal(6768189) contains.

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Color

Decimal(6768189)

Conversions

Conversions Part 1

Format	Color
Hex	67463D
RGB	103, 70, 61
RGB Percent	40%, 27%, 24%
CMY	0.5961, 0.7255, 0.7608
CMYK	0.00, 0.32, 0.41, 0.60
HSL	13°, 26%, 32%
HSV	13°, 41%, 40%
XYZ	8.6260, 7.6008, 5.4273
YIQ	78.8410, 22.5570, 4.1970

Conversions

Conversions Part 2

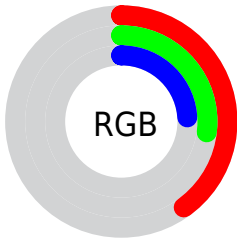
Format	Color
R_{YB}	103, 72, 61
Decimal	6768189
CIE _{Lab}	33.14, 12.90, 11.11
CIE _{LCh}	33, 17.025, 40.756
Yxy	7.6008, 0.3984, 0.3510
Android (android.graphics.Color)	4284958269 (0xFF67463D)
YUV	78.8410, -8.7956, 21.1874
Hunter-Lab	27.5696, 7.6025, 7.6269

Details

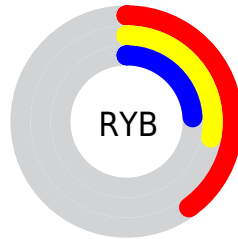
The Decimal color **6768189** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4021863**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **10188652**, and **3545619** is the 20% darker color. If you saturate the color by 10%, you get **6766131**, and if you desaturate by 10%, it is **6770247**.

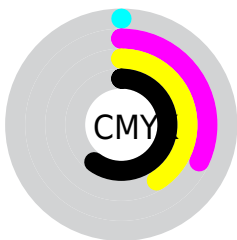
Distribution



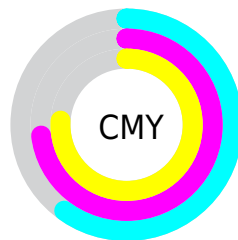
- Red (40%)
- Green (27%)
- Blue (24%)



- Red (40%)
- Yellow (28%)
- Blue (24%)



- Cyan (0%)
- Magenta (32%)
- Yellow (41%)
- Black (60%)



- Cyan (60%)
- Magenta (73%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6768189 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 6768189 by changing the saturation by 10% instead.

6768189

6768189

16777215

5123879

10188652

3545619

12030086

2162944

13872032

0

15713979

16769751

16777203

6768189

6768189

6766131

6770247

■ 6764072

■ 6772306

■ 6762014

■ 6774364

■ 6759956

■ 6776422

■ 6757898

■ 6778481

■ 6755840

■ 6780795

■ 6782853

■ 6784911

■ 6786970

Harmonies

Analogous

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



6898761



6768189



6244917

Triad

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



6768189



3429701



4476520

Complementary

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



6768189



4021863

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.



3166823



6768189



2577746

Square

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



6768189



4477497



2380895



5654882

Rectangle

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



6768189



5721395



2380895



4018025

Sweetspot

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



6768189



8878711



6765919



4537659



12895428



4539717

Same Dimension

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



6768189



8868677



6773309



3354414



7543040



15873024

Inverse Universe

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



4021863



4553095



4016743



3027507



23155



48882

Previews

White Background



This preview shows how the Decimal color 6768189 looks on a white background.

Color Contrast Check

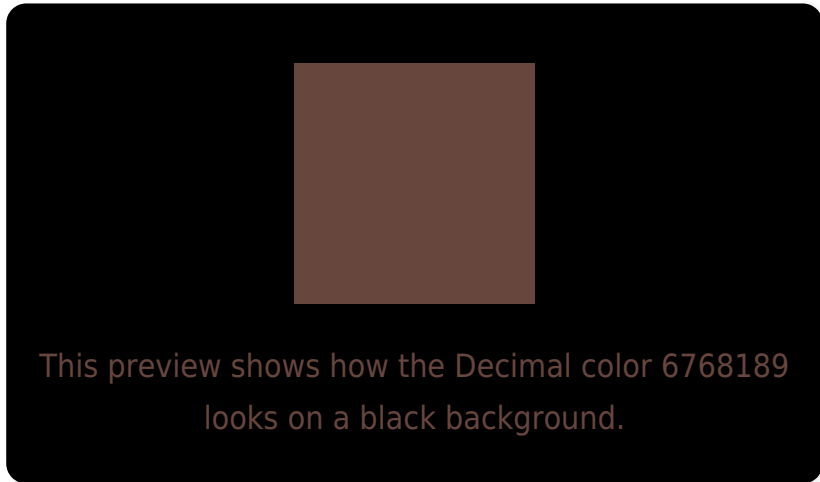
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

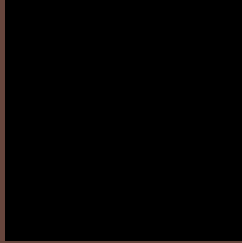
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 6768189 Background



This preview shows how black text looks on a background with the Decimal color 6768189.

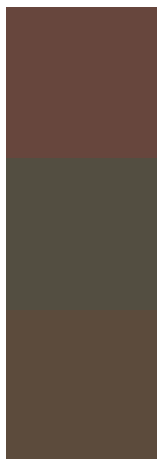


This preview shows how white text looks on a background with the Decimal color 6768189.

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
6768189

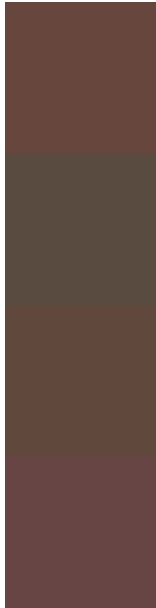
Protanopia
5459521

Deuteranopia
6048572



Tritanopia
6833225

Trichromacy



Original Color
6768189

Protanomaly
5917504

Deuteranomaly
6310204

Tritanomaly
6833477

Monochromacy



Original Color
6768189

Achromatopsia
5197647

Achromatomaly
5786696

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6768189 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 #67463D looks like.

```
.text, #text, p{  
    color:#67463D  
}
```

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 #67463D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67463D
}
```

Border

The CSS property to change the border of an element to Decimal 6768189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

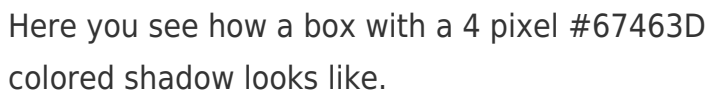
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67463D }
```

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

```
.border{ border-color:#67463D }
```

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



Here you see how a box with a 4 pixel #67463D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67463D; -webkit-box-shadow:4px 4px  
4px 4px #67463D; box-shadow:4px 4px 4px  
4px #67463D }
```

Background

The CSS property to change the background color of an element to Decimal 6768189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67463D }
```

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

```
.background{ background-color:#67463D }
```

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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