

# Converting Colors

Decimal(6511188)

Have a look what the booklet for  
Decimal(6511188) contains.

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# Color

**Decimal(6511188)**

# Conversions

## Conversions Part 1

Format	Color
Hex	635A54
RGB	99, 90, 84
RGB Percent	39%, 35%, 33%
CMY	0.6118, 0.6471, 0.6706
CMYK	0.00, 0.09, 0.15, 0.61
HSL	24°, 8%, 36%
HSV	24°, 15%, 39%
XYZ	10.4020, 10.6051, 9.8862
YIQ	92.0070, 7.2900, 0.0420

# Conversions

## Conversions Part 2

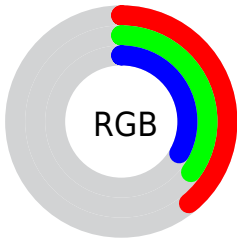
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 94, 84
Decimal	6511188
CIELab	38.91, 2.50, 4.78
CIELCh	39, 5.388, 62.414
Yxy	10.6051, 0.3367, 0.3433
Android (android.graphics.Color)	4284701268 (0xFF635A54)
YUV	92.0070, -3.9475, 6.1329
Hunter-Lab	32.5654, 0.0266, 4.7965

# Details

The Decimal color **6511188** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5528931**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **9866373**, and **3419431** is the 20% darker color. If you saturate the color by 10%, you get **6509642**, and if you desaturate by 10%, it is **6512734**.

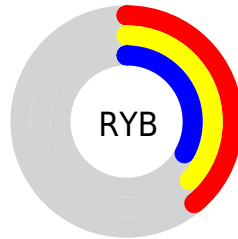
# Distribution



 Red (39%)

 Green (35%)

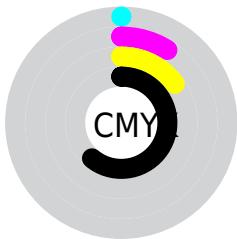
 Blue (33%)




 Red (39%)

 Yellow (37%)

 Blue (33%)

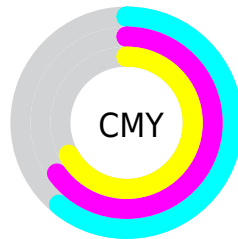


 Cyan (0%)

 Magenta (9%)

 Yellow (15%)

 Black (61%)



 Cyan (61%)

 Magenta (65%)

 Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6511188 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 6511188 by changing the saturation by 10% instead.





6511188



6511188

16777215



4932413



9866373



3419431



11642528



2037779



13418939



0



15261142



16775923



6511188



6511188



6509642



6512734



6508096



6514280

6506550

6515826

6505004

6517372

6503459

6518918

6501913

6520463

6500367

6522009

6498821

6523555

6498304

6524845

# Harmonies

## Analogous

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



6642007



6511188



6249299

# Triad

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



6511188



5398108



6117987

# Complementary

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



6511188



5528931

# 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.



5790820



6511188



5332576

# Square

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



6511188



5594711



5463395



6445408

# Rectangle

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



6511188



6052948



5463395



5987172



# Sweetspot

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



6511188



8420473



6509661



4209980



12566463



4210752



# Same Dimension

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



6511188



8417897



6513236



3157548



7351552



15753216



# Inverse Universe

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



5528931



6911616



5527139



2895664



17264



37104



# Previews

## White Background



This preview shows how the Decimal color 6511188 looks on a white background.

## Color Contrast Check

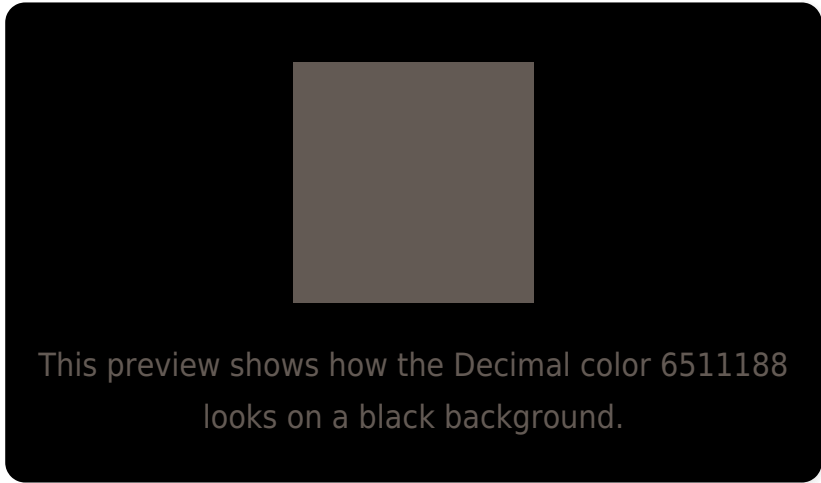
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

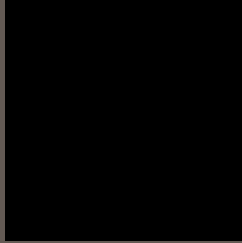
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 6511188 Background



This preview shows how black text looks on a background with the Decimal color 6511188.



This preview shows how white text looks on a background with the Decimal color 6511188.

# 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**  
6511188

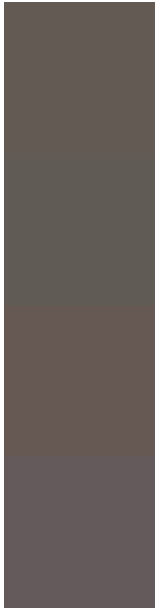
**Protanopia**  
6249301

**Deuteranopia**  
6772820



**Tritanopia**  
6576223

# Trichromacy



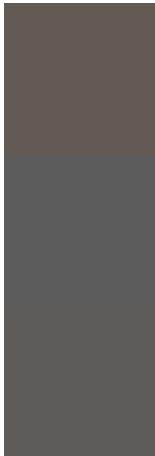
**Original Color**  
6511188

**Protanomaly**  
6314837

**Deuteranomaly**  
6707540

**Tritanomaly**  
6576475

# Monochromacy



**Original Color**  
6511188

**Achromatopsia**  
6052956

**Achromatomaly**  
6249305

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6511188 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 #635A54 looks like.

```
.text, #text, p{  
    color:#635A54  
}
```

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 #635A54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635A54
}
```

## Border

The CSS property to change the border of an element to Decimal 6511188 is called "border". The border property can be set on classes, ids or directly on the HTML element.

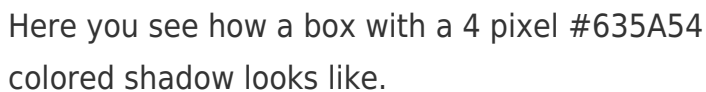
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#635A54 }
```

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

```
.border{ border-color:#635A54 }
```

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



Here you see how a box with a 4 pixel #635A54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635A54; -webkit-box-shadow:4px 4px  
4px 4px #635A54; box-shadow:4px 4px 4px  
4px #635A54 }
```

# Background

The CSS property to change the background color of an element to Decimal 6511188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635A54 }
```

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

```
.background{ background-color:#635A54 }
```

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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