

# Converting Colors

Decimal(6181682)

Have a look what the booklet for  
Decimal(6181682) contains.

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**Color**

**Decimal(6181682)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E5332
RGB	94, 83, 50
RGB Percent	37%, 33%, 20%
CMY	0.6314, 0.6745, 0.8039
CMYK	0.00, 0.12, 0.47, 0.63
HSL	45°, 31%, 28%
HSV	45°, 47%, 37%
XYZ	8.2851, 8.7965, 4.2788
YIQ	82.5270, 17.1490, -7.9310

# Conversions

## Conversions Part 2

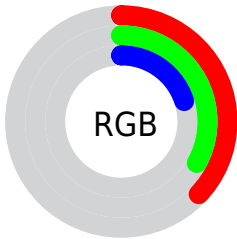
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 94, 50
Decimal	6181682
CIELab	35.59, -0.67, 20.95
CIELCh	36, 20.962, 91.841
Yxy	8.7965, 0.3879, 0.4118
Android (android.graphics.Color)	4284371762 (0xFF5E5332)
YUV	82.5270, -16.0358, 10.0618
Hunter-Lab	29.6589, -2.0398, 12.2075

# Details

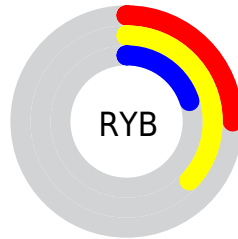
The Decimal color **6181682** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3292510**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **9536609**, and **3089924** is the 20% darker color. If you saturate the color by 10%, you get **6181161**, and if you desaturate by 10%, it is **6182203**.

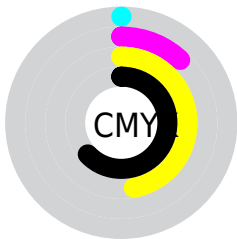
# Distribution



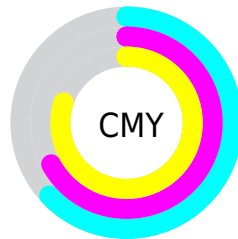
- Red (37%)
- Green (33%)
- Blue (20%)



- Red (25%)
- Yellow (37%)
- Blue (20%)



- Cyan (0%)
- Magenta (12%)
- Yellow (47%)
- Black (63%)



- Cyan (63%)
- Magenta (67%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6181682 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 6181682 by changing the saturation by 10% instead.





6181682



6181682

16777215



4602908



9536609



3089924



11312762



1577472



13154708



0



14996910



16773578



16777190



6181682



6181682



6181161



6182203

■ 6180383

■ 6182981

■ 6179862

■ 6183502

■ 6179340

■ 6184024

■ 6178563

■ 6184801

■ 6178560

■ 6185322

■ 6185844

■ 6186621

■ 6187143

# Harmonies

## Analogous

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



7097655



6181682



5003319

# Triad

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



6181682



1465445



6965604

# Complementary

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



6181682



3292510

# 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.



5721968



6181682



2316913

# Square

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



6181682



2383188



4085109



7620435

# Rectangle

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



6181682



4151870



4085109



6572905

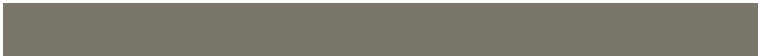


# Sweetspot

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



6181682



8025705



6173245



4012851



12434877



4013373



# Same Dimension

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



6181682



8022326



5463602



3026217



7229952



15577600



# Inverse Universe

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



3292510



3557242



4010590



2697774



7022



15341



# Previews

## White Background



This preview shows how the Decimal color 6181682 looks on a white background.

## Color Contrast Check

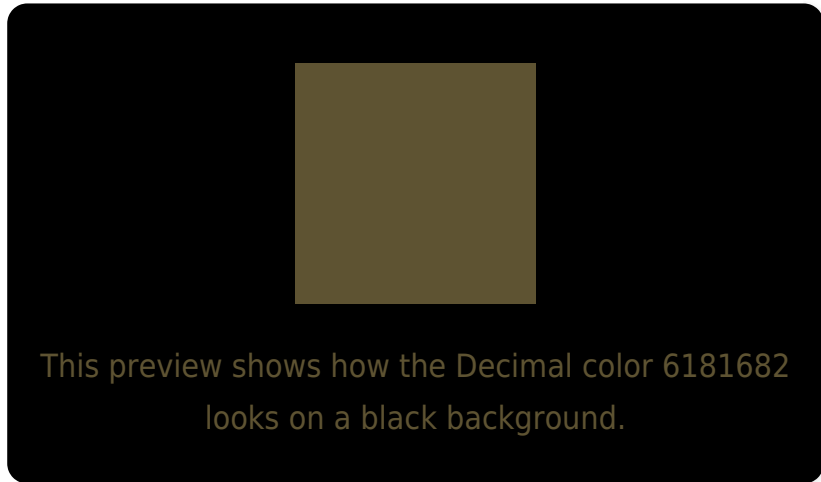
Large Text (above 18pt) WCAG AA ✓ Pass

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

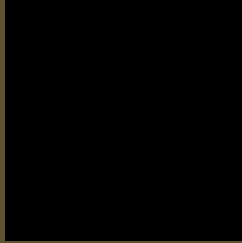
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6181682 Background



This preview shows how black text looks on a background with the Decimal color 6181682.

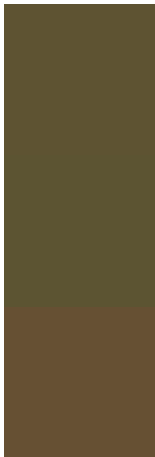


This preview shows how white text looks on a background with the Decimal color 6181682.

# 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**  
6181682

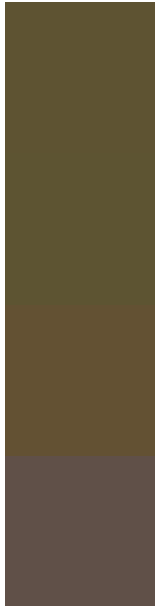
**Protanopia**  
6050866

**Deuteranopia**  
6705203



**Tritanopia**  
6377301

# Trichromacy



**Original Color**  
6181682

**Protanomaly**  
6116402

**Deuteranomaly**  
6508851

**Tritanomaly**  
6312008

# Monochromacy



**Original Color**  
6181682

**Achromatopsia**  
5460819

**Achromatomaly**  
5722951

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6181682 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 #5E5332 looks like.

```
.text, #text, p{  
    color:#5E5332  
}
```

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 #5E5332 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E5332
}
```

## Border

The CSS property to change the border of an element to Decimal 6181682 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
#5E5332 }
```

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

```
.border{ border-color:#5E5332 }
```

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

Here you see how a box with a 4 pixel #5E5332 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E5332; -webkit-box-shadow:4px 4px  
4px 4px #5E5332; box-shadow:4px 4px 4px  
4px #5E5332 }
```

# Background

The CSS property to change the background color of an element to Decimal 6181682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E5332 }
```

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

```
.background{ background-color:#5E5332 }
```

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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