

Converting Colors

Decimal(6112067)

Have a look what the booklet for
Decimal(6112067) contains.

Decimal(6112067)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6112067)

Conversions

Conversions Part 1

Format	Color
Hex	5D4343
RGB	93, 67, 67
RGB Percent	36%, 26%, 26%
CMY	0.6353, 0.7373, 0.7373
CMYK	0.00, 0.28, 0.28, 0.64
HSL	0°, 16%, 31%
HSV	0°, 28%, 36%
XYZ	7.5345, 6.7467, 6.2153
YIQ	74.7740, 15.4960, 5.5120

Conversions

Conversions Part 2

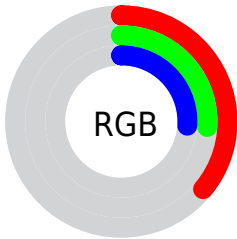
Format	Color
RYB	93, 67, 67
Decimal	6112067
CIELab	31.22, 11.24, 4.41
CIELCh	31, 12.074, 21.434
Yxy	6.7467, 0.3676, 0.3292
Android (android.graphics.Color)	4284302147 (0xFF5D4343)
YUV	74.7740, -3.8326, 15.9842
Hunter-Lab	25.9744, 6.3227, 3.9948

Details

The Decimal color **6112067** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4414813**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **9466739**, and **3020824** is the 20% darker color. If you saturate the color by 10%, you get **6109754**, and if you desaturate by 10%, it is **6114380**.

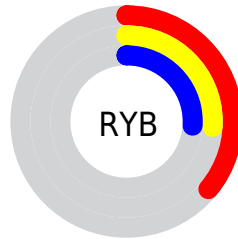
Distribution



 Red (36%)

 Green (26%)

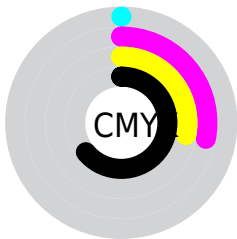
 Blue (26%)



 Red (36%)

 Yellow (26%)

 Blue (26%)

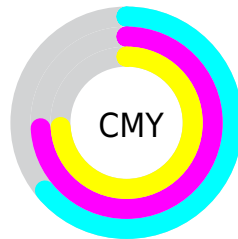


 Cyan (0%)

 Magenta (28%)

 Yellow (28%)

 Black (64%)



 Cyan (64%)

 Magenta (74%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6112067 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 6112067 by changing the saturation by 10% instead.

6112067

6112067

16777215

4533549

9466739

3020824

11242892

1769472

13019047

0

14860994

16768734

16776186

6112067

6112067

6109754

6114380

■ 6107184

■ 6116950

■ 6104871

■ 6119263

■ 6102558

■ 6121576

■ 6100245

■ 6124146

■ 6097675

■ 6126459

■ 6095362

■ 6128772

■ 6094848

■ 6131085

■ 6133655

Harmonies

Analogous

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



5981005



6112067



5915963

Triad

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



6112067



4148541



3885916

Complementary

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



6112067



4414813

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.



3231320



6112067



3493702

Square

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



6112067



4803384



3100496



4737115

Rectangle

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



6112067



5654328



3100496



3624027

Sweetspot

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



6112067



7892590



6112093



4011831



12434877



4013373

Same Dimension

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



6112067



7884623



6115395



3025193



7208960



15532032

Inverse Universe

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



4414813



5208184



4411485



2698798



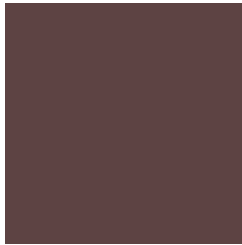
28270



60909

Previews

White Background



This preview shows how the Decimal color 6112067 looks on a white background.

Color Contrast Check

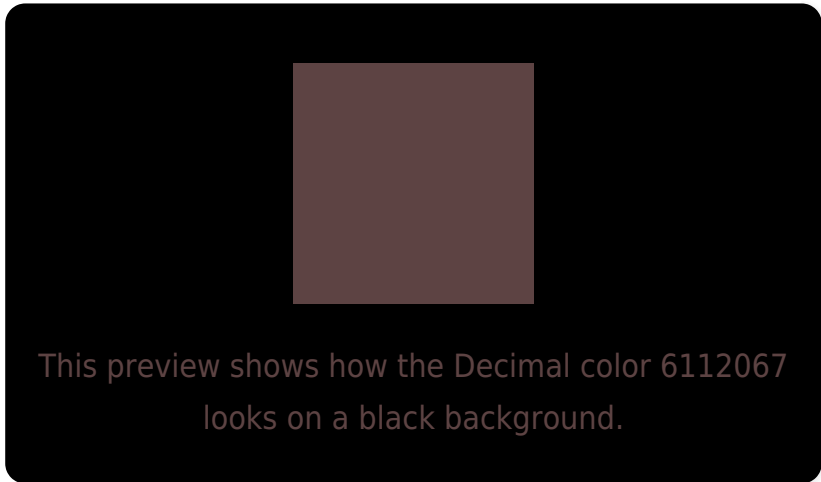
Large Text (above 18pt) WCAG AA ✓ Pass

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

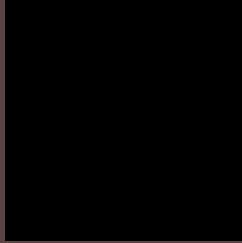
Any Text WCAG AA × Fail

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 6112067 Background



This preview shows how black text looks on a background with the Decimal color 6112067.

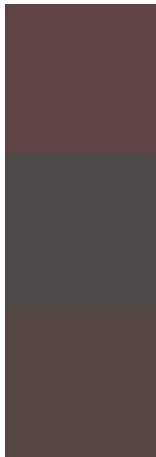


This preview shows how white text looks on a background with the Decimal color 6112067.

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
6112067

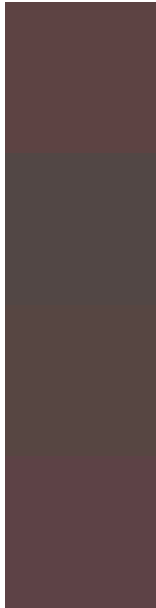
Protanopia
4999494

Deuteranopia
5523266



Tritanopia
6111815

Trichromacy



Original Color

6112067

Protanomaly

5392197

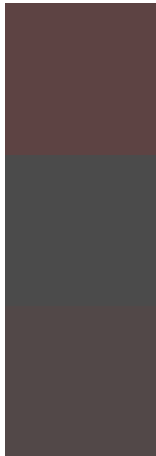
Deuteranomaly

5719618

Tritanomaly

6111814

Monochromacy



Original Color

6112067

Achromatopsia

4934475

Achromatomaly

5392456

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6112067 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 #5D4343 looks like.

```
.text, #text, p{  
    color:#5D4343  
}
```

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 #5D4343 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4343
}
```

Border

The CSS property to change the border of an element to Decimal 6112067 is called "border". The border property can be set on classes, ids or directly on the HTML element.

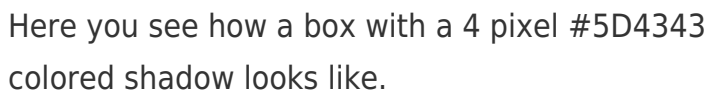
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D4343 }
```

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

```
.border{ border-color:#5D4343 }
```

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



Here you see how a box with a 4 pixel #5D4343 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4343; -webkit-box-shadow:4px 4px  
4px 4px #5D4343; box-shadow:4px 4px 4px  
4px #5D4343 }
```

Background

The CSS property to change the background color of an element to Decimal 6112067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4343 }
```

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

```
.background{ background-color:#5D4343 }
```

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