

Converting Colors

Decimal(6246218)

Have a look what the booklet for
Decimal(6246218) contains.

Decimal(6246218)	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(6246218)

Conversions

Conversions Part 1

Format	Color
Hex	5F4F4A
RGB	95, 79, 74
RGB Percent	37%, 31%, 29%
CMY	0.6275, 0.6902, 0.7098
CMYK	0.00, 0.17, 0.22, 0.63
HSL	14°, 12%, 33%
HSV	14°, 22%, 37%
XYZ	8.7513, 8.5193, 7.6617
YIQ	83.2140, 11.1410, 1.8370

Conversions

Conversions Part 2

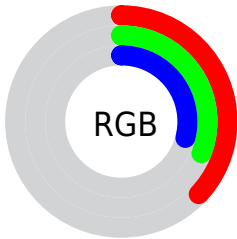
Format	Color
RYB	95, 81, 74
Decimal	6246218
CIELab	35.04, 5.77, 5.43
CIELCh	35, 7.926, 43.278
Yxy	8.5193, 0.3510, 0.3417
Android (android.graphics.Color)	4284436298 (0xFF5F4F4A)
YUV	83.2140, -4.5425, 10.3363
Hunter-Lab	29.1878, 2.4407, 4.8680




Details

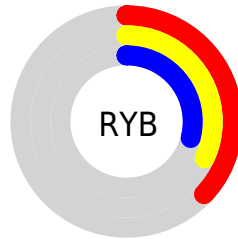
The Decimal color **6246218** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4872799**, and the grayscale version is **5460819**.




A 20% lighter version of the original color is **9601147**, and **3154718** is the 20% darker color. If you saturate the color by 10%, you get **6244417**, and if you desaturate by 10%, it is **6248020**.

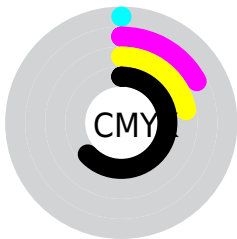
Distribution







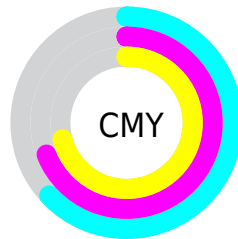
-  Red (37%)
-  Green (31%)
-  Blue (29%)






-  Red (37%)
-  Yellow (32%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (17%)
-  Yellow (22%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (69%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6246218 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 6246218 by changing the saturation by 10% instead.

■ 6246218

■ 6246218

16777215

■ 4667443

■ 9601147

■ 3154718

■ 11311764

■ 1903877

■ 13153711

■ 0

■ 14995658

■ 16772582

■ 6246218

■ 6246218

■ 6244417

■ 6248020

■ 6242615

■ 6249821

■ 6240558

■ 6251879

■ 6238756

■ 6253680

■ 6236954

■ 6255482

■ 6235153

■ 6257283

■ 6233096

■ 6259341

■ 6231808

■ 6261142

■ 6262944

Harmonies

Analogous

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



6311504



6246218



5984582

Triad

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



6246218



4675151



5198431

Complementary

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



6246218



4872799

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.



4740190



6246218



4413013

Square

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



6246218



5068105



4413019



5722204

Rectangle

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



6246218



5722694



4413019



5002079

Sweetspot

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



6246218



8025202



6244954



4012344



12434877



4013373

Same Dimension

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



6246218



8020313



6248778



3157292



7346944



15743232

Inverse Universe

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



4872799



5862266



4870239



2895664



21872



47088

Previews

White Background



This preview shows how the Decimal color 6246218 looks on a white background.

Color Contrast Check

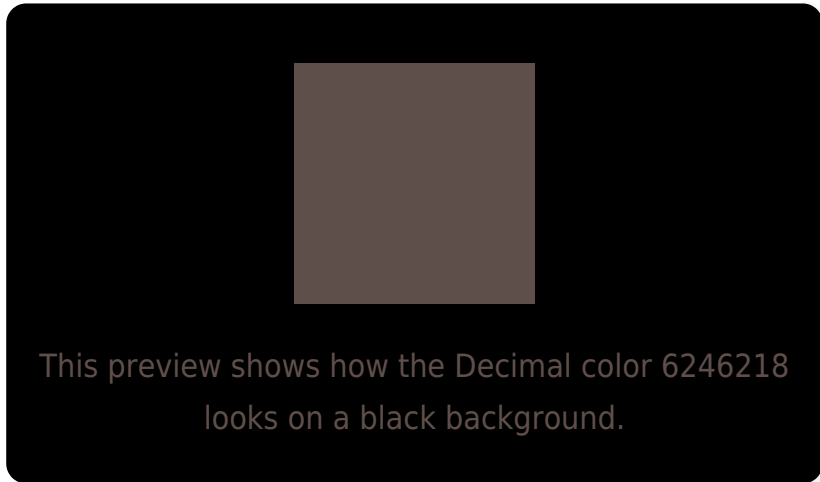
Large Text (above 18pt) WCAG AA ✓ Pass

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

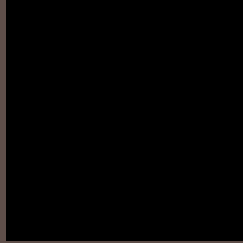
Any Text WCAG AA × Fail

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 6246218 Background



This preview shows how black text looks on a background with the Decimal color 6246218.

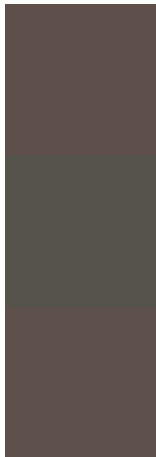


This preview shows how white text looks on a background with the Decimal color 6246218.

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](#).

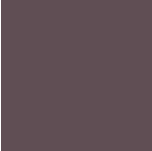
Dichromacy



Original Color
6246218

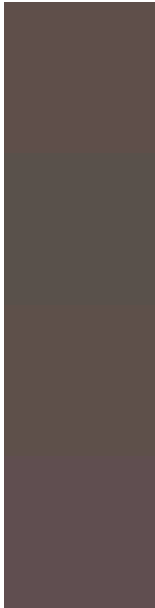
Protanopia
5657164

Deuteranopia
6180938



Tritanopia
6311508

Trichromacy



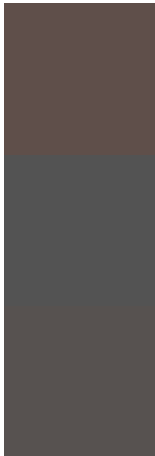
Original Color
6246218

Protanomaly
5853515

Deuteranomaly
6180938

Tritanomaly
6311504

Monochromacy



Original Color
6246218

Achromatopsia
5460819

Achromatomaly
5722704

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6246218 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 #5F4F4A looks like.

```
.text, #text, p{  
    color:#5F4F4A  
}
```

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 #5F4F4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4F4A
}
```

Border

The CSS property to change the border of an element to Decimal 6246218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

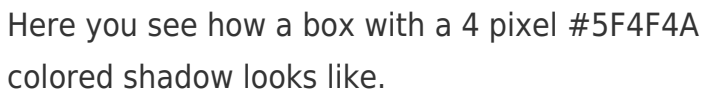
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F4F4A }
```

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

```
.border{ border-color:#5F4F4A }
```

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



Here you see how a box with a 4 pixel #5F4F4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4F4A; -webkit-box-shadow:4px 4px  
4px 4px #5F4F4A; box-shadow:4px 4px 4px  
4px #5F4F4A }
```

Background

The CSS property to change the background color of an element to Decimal 6246218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4F4A }
```

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

```
.background{ background-color:#5F4F4A }
```

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