

Converting Colors

Decimal(6189640)

Have a look what the booklet for
Decimal(6189640) contains.

Decimal(6189640)	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(6189640)

Conversions

Conversions Part 1

Format	Color
Hex	5E7248
RGB	94, 114, 72
RGB Percent	37%, 45%, 28%
CMY	0.6314, 0.5529, 0.7176
CMYK	0.18, 0.00, 0.37, 0.55
HSL	89°, 23%, 36%
HSV	89°, 37%, 45%
XYZ	11.8031, 14.8822, 8.3814
YIQ	103.2320, 1.5620, -17.3020

Conversions

Conversions Part 2

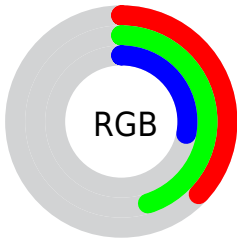
Format	Color
RYB	72, 114, 92
Decimal	6189640
CIELab	45.47, -15.51, 20.91
CIELCh	45, 26.036, 126.574
Yxy	14.8822, 0.3366, 0.4244
Android (android.graphics.Color)	4284379720 (0xFF5E7248)
YUV	103.2320, -15.3974, -8.0965
Hunter-Lab	38.5774, -12.8969, 14.1228

Details

The Decimal color **6189640** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6047858**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **9545337**, and **3097115** is the 20% darker color. If you saturate the color by 10%, you get **5861949**, and if you desaturate by 10%, it is **6517331**.

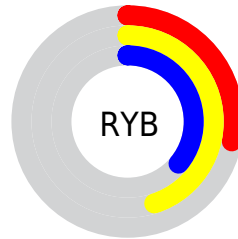
Distribution



Red (37%)

Green (45%)

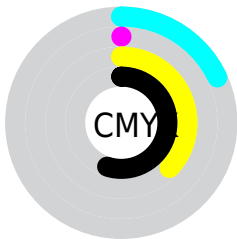
Blue (28%)



Red (28%)

Yellow (45%)

Blue (36%)

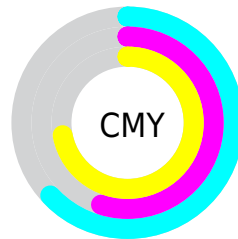


Cyan (18%)

Magenta (0%)

Yellow (37%)

Black (55%)



Cyan (63%)

Magenta (55%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6189640 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 6189640 by changing the saturation by 10% instead.

6189640

6189640

16777215

4610353

9545337

3097115

11321747

1649667

13098414

6400

14940873

0

16777189

6189640

6189640

5861949

6517331

5468721

6910559

■ 5141030

■ 7238250

■ 4747802

■ 7631478

■ 4420111

■ 7959169

■ 4026884

■ 8352396

■ 3961344

■ 8680088

■ 9007779

■ 9401007

Harmonies

Analogous

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



7695424



6189640



4486746

Triad

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



6189640



3175315



9853800

Complementary

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



6189640



6047858

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.



9133437



6189640



5532823

Square

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



6189640



1406597



7693455



9723475

Rectangle

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



6189640



3241832



7693455



9657199

Sweetspot

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



6189640



9213060



7494728



4540992



13224393



4868682

Same Dimension

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



6189640



7705683



4813384



3487794



4159488



8582912

Inverse Universe

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



6047858



7492500



7424114



3486264



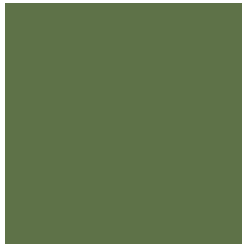
3735672



7733495

Previews

White Background



This preview shows how the Decimal color 6189640 looks on a white background.

Color Contrast Check

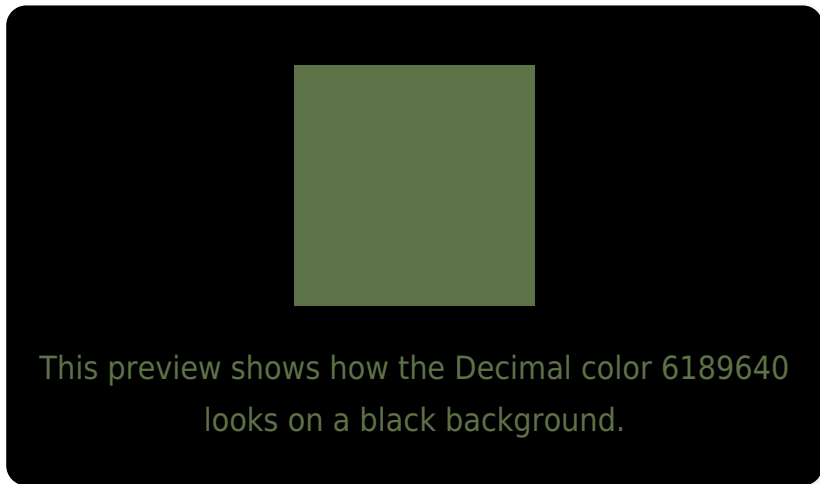
Large Text (above 18pt) WCAG AA ✓ Pass

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

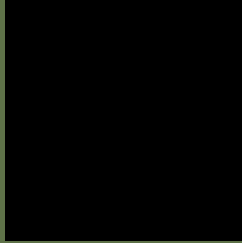
Any Text WCAG AA × Fail

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 6189640 Background



This preview shows how black text looks on a background with the Decimal color 6189640.



This preview shows how white text looks on a background with the Decimal color 6189640.

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
6189640

Protanopia
7695173

Deuteranopia
8415050



Tritanopia
6647157

Trichromacy



Original Color
6189640

Protanomaly
7171654

Deuteranomaly
7629641

Tritanomaly
6451045

Monochromacy



Original Color
6189640

Achromatopsia
6776679

Achromatomaly
6581084

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6189640 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 #5E7248 looks like.

```
.text, #text, p{  
    color:#5E7248  
}
```

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 #5E7248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7248
}
```

Border

The CSS property to change the border of an element to Decimal 6189640 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
#5E7248 }
```

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

```
.border{ border-color:#5E7248 }
```

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

Here you see how a box with a 4 pixel #5E7248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7248; -webkit-box-shadow:4px 4px  
4px 4px #5E7248; box-shadow:4px 4px 4px  
4px #5E7248 }
```

Background

The CSS property to change the background color of an element to Decimal 6189640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7248 }
```

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

```
.background{ background-color:#5E7248 }
```

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