

Converting Colors

Decimal(6255433)

Have a look what the booklet for
Decimal(6255433) contains.

| | |
|--|----|
| Decimal(6255433) | 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(6255433)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 5F7349 |
| RGB | 95, 115, 73 |
| RGB Percent | 37%, 45%, 29% |
| CMY | 0.6275, 0.5490, 0.7137 |
| CMYK | 0.17, 0.00, 0.37, 0.55 |
| HSL | 89°, 22%, 37% |
| HSV | 89°, 37%, 45% |
| XYZ | 12.0526, 15.1754, 8.5972 |
| YIQ | 104.2320, 1.5620, -17.3020 |

Conversions

Conversions Part 2

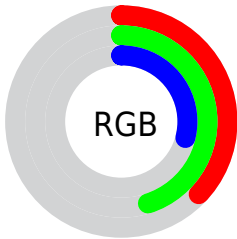
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 73, 115, 93 |
| Decimal | 6255433 |
| CIELab | 45.87, -15.50, 20.88 |
| CIElCh | 46, 26.000, 126.587 |
| Yxy | 15.1754, 0.3364, 0.4236 |
| Android (android.graphics.Color) | 4284445513 (0xFF5F7349) |
| YUV | 104.2320, -15.3974, -8.0965 |
| Hunter-Lab | 38.9556, -12.9455, 14.1840 |

Details

The Decimal color **6255433** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6113651**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **9611130**, and **3162908** is the 20% darker color. If you saturate the color by 10%, you get **5927742**, and if you desaturate by 10%, it is **6583125**.

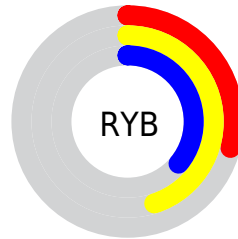
Distribution



Red (37%)

Green (45%)

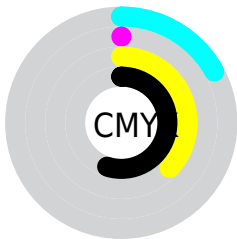
Blue (29%)



Red (29%)

Yellow (45%)

Blue (36%)

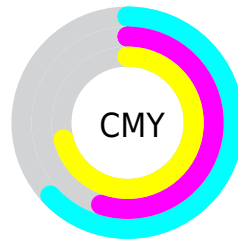


Cyan (17%)

Magenta (0%)

Yellow (37%)

Black (55%)



Cyan (63%)

Magenta (55%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6255433 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 6255433 by changing the saturation by 10% instead.

 6255433

 6255433


16777215


 4676146

 9611130

 3162908

 11387540

 1715460

 13164207

 6400

 15072202

 0

 16777190

 6255433

 6255433

 5927742

 6583125

 5534514

 6976352

■ 5206823

■ 7304044

■ 4813595

■ 7697271

■ 4485904

■ 8024963

■ 4092676

■ 8418190

■ 3961600

■ 8745882

■ 9139109

■ 9466800

Harmonies

Analogous

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



7761217



6255433



4552539

Triad

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



6255433



3241108



9919593

Complementary

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



6255433



6113651

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.



9199230



6255433



5664152

Square

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



6255433



1603462



7759248



9789268

Rectangle

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



6255433



3307625



7759248



9722992

Sweetspot

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



6255433



9410182



7560521



4738371



13421772



5066061

Same Dimension

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



6255433



7837268



4879177



3685173



4225536



8649216

Inverse Universe

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



6113651



7623830



7489907



3683643



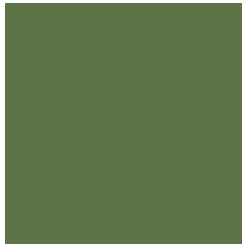
3801210



7799034

Previews

White Background



This preview shows how the Decimal color 6255433 looks on a white background.

Color Contrast Check

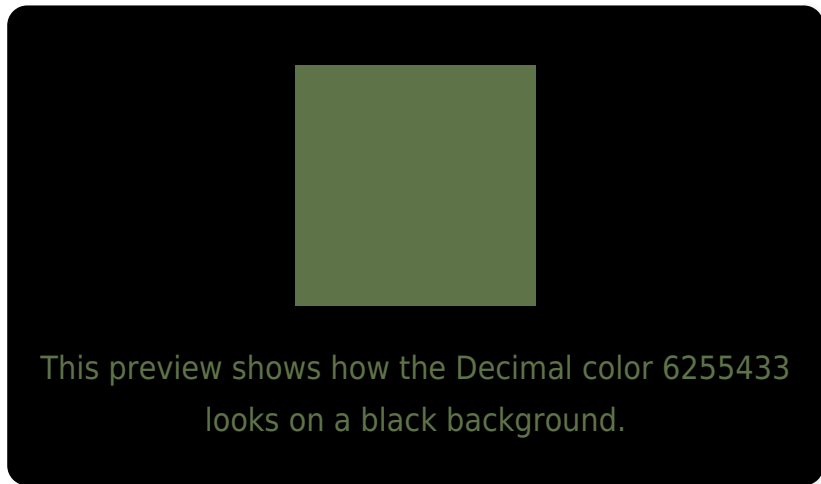
Large Text (above 18pt) WCAG AA ✓ Pass

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

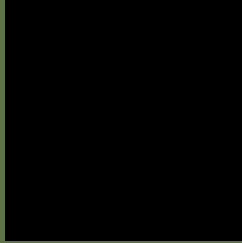
Any Text WCAG AA × Fail

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 6255433 Background



This preview shows how black text looks on a background with the Decimal color 6255433.



This preview shows how white text looks on a background with the Decimal color 6255433.

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](#).

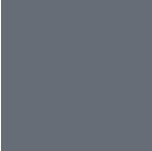
Dichromacy



Original Color
6255433

Protanopia
7760966

Deuteranopia
8480843



Tritanopia
6712694

Trichromacy



Original Color
6255433

Protanomaly
7237447

Deuteranomaly
7695434

Tritanomaly
6516582

Monochromacy



Original Color
6255433

Achromatopsia
6842472

Achromatomaly
6646877

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6255433 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 #5F7349 looks like.

```
.text, #text, p{  
    color:#5F7349  
}
```

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 #5F7349 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7349
}
```

Border

The CSS property to change the border of an element to Decimal 6255433 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
#5F7349 }
```

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

```
.border{ border-color:#5F7349 }
```

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

Here you see how a box with a 4 pixel #5F7349 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7349; -webkit-box-shadow:4px 4px  
4px 4px #5F7349; box-shadow:4px 4px 4px  
4px #5F7349 }
```

Background

The CSS property to change the background color of an element to Decimal 6255433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7349 }
```

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

```
.background{ background-color:#5F7349 }
```

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