

Converting Colors

Decimal(6123583)

Have a look what the booklet for
Decimal(6123583) contains.

Decimal(6123583)	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(6123583)

Conversions

Conversions Part 1

Format	Color
Hex	5D703F
RGB	93, 112, 63
RGB Percent	36%, 44%, 25%
CMY	0.6353, 0.5608, 0.7529
CMYK	0.17, 0.00, 0.44, 0.56
HSL	83°, 28%, 34%
HSV	83°, 44%, 44%
XYZ	11.2056, 14.2744, 6.8673
YIQ	100.7330, 4.4050, -19.2670

Conversions

Conversions Part 2

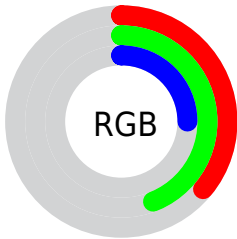
Format	Color
RYB	63, 112, 82
Decimal	6123583
CIELab	44.62, -16.14, 24.91
CIELCh	45, 29.684, 122.936
Yxy	14.2744, 0.3464, 0.4413
Android (android.graphics.Color)	4284313663 (0xFF5D703F)
YUV	100.7330, -18.6024, -6.7818
Hunter-Lab	37.7814, -13.1763, 15.6703

Details

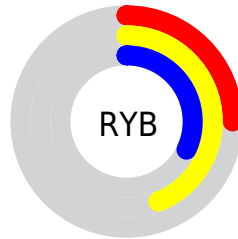
The Decimal color **6123583** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5390192**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **9479280**, and **2965522** is the 20% darker color. If you saturate the color by 10%, you get **5861428**, and if you desaturate by 10%, it is **6385738**.

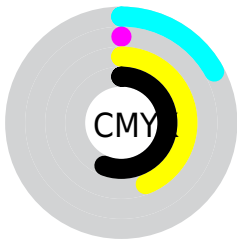
Distribution



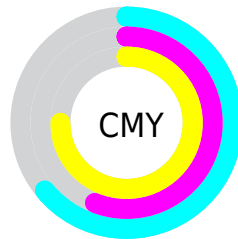
- Red (36%)
- Green (44%)
- Blue (25%)



- Red (25%)
- Yellow (44%)
- Blue (32%)



- Cyan (17%)
- Magenta (0%)
- Yellow (44%)
- Black (56%)



- Cyan (64%)
- Magenta (56%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6123583 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 6123583 by changing the saturation by 10% instead.



6123583



6123583

16777215



4544552



9479280



2965522



11255689



1649152



13097892



5888



14940095



0



16777179



16777207



6123583



6123583



5861428



6385738

■ 5533737

■ 6713429

■ 5271581

■ 6975585

■ 5009426

■ 7237740

■ 4681735

■ 7565431

■ 4550656

■ 7827586

■ 8089741

■ 8417433

■ 8679588

Harmonies

Analogous

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



7825719



6123583



4093266

Triad

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



6123583



684693



9983592

Complementary

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



6123583



5390192

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.



9067136



6123583



4746139

Square

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



6123583



30340



7299731



9918800

Rectangle

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



6123583



2389603



7299731



9786992

Sweetspot

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



6123583



9081214



7361087



4540990



13224393



4868682

Same Dimension

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



6123583



7573828



4550719



3553330



4814848



9959168

Inverse Universe

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



5390192



6440081



6963056



3486264



3014776



6291703

Previews

White Background



This preview shows how the Decimal color 6123583 looks on a white background.

Color Contrast Check

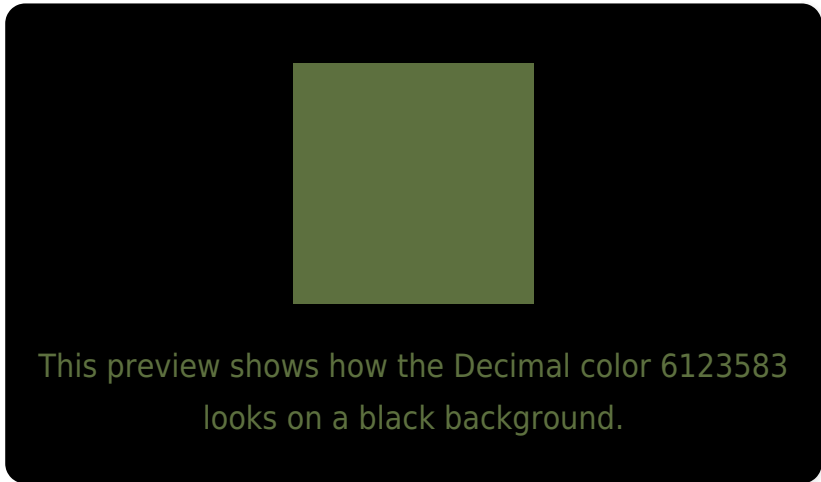
Large Text (above 18pt) WCAG AA ✓ Pass

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

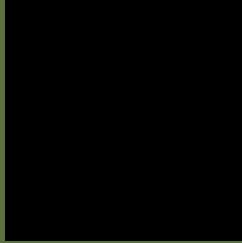
Any Text WCAG AA × Fail

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 6123583 Background



This preview shows how black text looks on a background with the Decimal color 6123583.



This preview shows how white text looks on a background with the Decimal color 6123583.

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
6123583

Protanopia
7629117

Deuteranopia
8348994



Tritanopia
6580850

Trichromacy



Original Color
6123583

Protanomaly
7105598

Deuteranomaly
7563585

Tritanomaly
6384735

Monochromacy



Original Color
6123583

Achromatopsia
6645093

Achromatomaly
6449495

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6123583 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 #5D703F looks like.

```
.text, #text, p{  
    color:#5D703F  
}
```

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 #5D703F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D703F
}
```

Border

The CSS property to change the border of an element to Decimal 6123583 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
#5D703F }
```

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

```
.border{ border-color:#5D703F }
```

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

Here you see how a box with a 4 pixel #5D703F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D703F; -webkit-box-shadow:4px 4px  
4px 4px #5D703F; box-shadow:4px 4px 4px  
4px #5D703F }
```

Background

The CSS property to change the background color of an element to Decimal 6123583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D703F }
```

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

```
.background{ background-color:#5D703F }
```

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