

Converting Colors

Decimal(6123058)

Have a look what the booklet for
Decimal(6123058) contains.

Decimal(6123058)	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(6123058)

Conversions

Conversions Part 1

Format	Color
Hex	5D6E32
RGB	93, 110, 50
RGB Percent	36%, 43%, 20%
CMY	0.6353, 0.5686, 0.8039
CMYK	0.15, 0.00, 0.55, 0.57
HSL	77°, 38%, 31%
HSV	77°, 55%, 43%
XYZ	10.6659, 13.7093, 5.1016
YIQ	98.0770, 9.1280, -22.2640

Conversions

Conversions Part 2

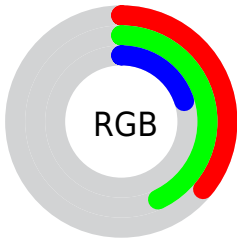
Format	Color
RYB	50, 110, 67
Decimal	6123058
CIELab	43.81, -16.65, 31.02
CIELCh	44, 35.208, 118.215
Yxy	13.7093, 0.3618, 0.4651
Android (android.graphics.Color)	4284313138 (0xFF5D6E32)
YUV	98.0770, -23.7020, -4.4525
Hunter-Lab	37.0261, -13.3763, 17.7490

Details

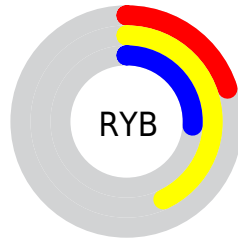
The Decimal color **6123058** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4403822**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **9544290**, and **2964994** is the 20% darker color. If you saturate the color by 10%, you get **5926439**, and if you desaturate by 10%, it is **6319677**.

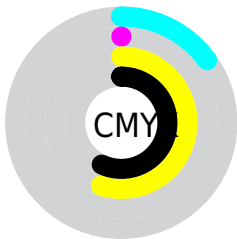
Distribution



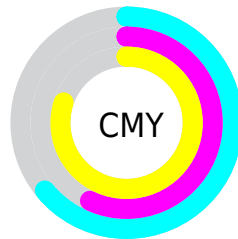
- Red (36%)
- Green (43%)
- Blue (20%)



- Red (20%)
- Yellow (43%)
- Blue (26%)



- Cyan (15%)
- Magenta (0%)
- Yellow (55%)
- Black (57%)



- Cyan (64%)
- Magenta (57%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6123058 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 6123058 by changing the saturation by 10% instead.



6123058



6123058

16777215



4478491



9544290



2964994



11320700



1517568



13097110



5632



15005105



0



16777164



16777193



6123058



6123058



5926439



6319677

■ 5729820

■ 6516296

■ 5533201

■ 6712915

■ 5336582

■ 6909534

■ 5205504

■ 7171689

■ 7368308

■ 7564927

■ 7761546

■ 7958165

Harmonies

Analogous

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



8021291



6123058



3699784

Triad

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



6123058



29337



10243946

Complementary

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



6123058



4403822

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.



9065863



6123058



2976674

Square

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



6123058



30338



6775195



10309966

Rectangle

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



6123058



882267



6775195



9982068

Sweetspot

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



6123058



8949624



7226162



4474682



13092807



4671303

Same Dimension

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



6123058



7704370



4156978



3618866



5666816



11663104

Inverse Universe

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



4403822



4993679



6369902



3420728



2228344



4587767

Previews

White Background



This preview shows how the Decimal color 6123058 looks on a white background.

Color Contrast Check

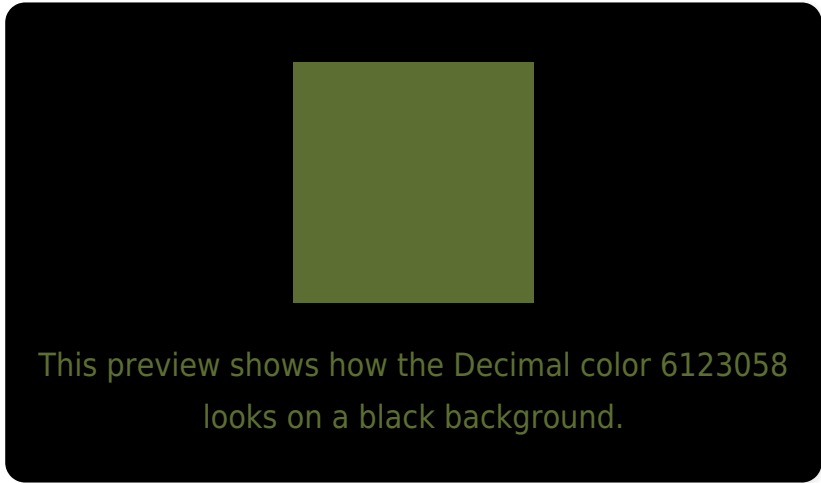
Large Text (above 18pt) WCAG AA ✓ Pass

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

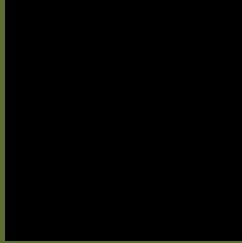
Any Text WCAG AA × Fail

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 6123058 Background



This preview shows how black text looks on a background with the Decimal color 6123058.



This preview shows how white text looks on a background with the Decimal color 6123058.

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
6123058

Protanopia
7563312

Deuteranopia
8348213



Tritanopia
6580080

Trichromacy



Original Color
6123058

Protanomaly
7039537

Deuteranomaly
7562804

Tritanomaly
6384217

Monochromacy



Original Color
6123058

Achromatopsia
6447714

Achromatomaly
6317649

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6123058 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 #5D6E32 looks like.

```
.text, #text, p{  
    color:#5D6E32  
}
```

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 #5D6E32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6E32
}
```

Border

The CSS property to change the border of an element to Decimal 6123058 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
#5D6E32 }
```

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

```
.border{ border-color:#5D6E32 }
```

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

Here you see how a box with a 4 pixel #5D6E32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6E32; -webkit-box-shadow:4px 4px  
4px 4px #5D6E32; box-shadow:4px 4px 4px  
4px #5D6E32 }
```

Background

The CSS property to change the background color of an element to Decimal 6123058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6E32 }
```

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

```
.background{ background-color:#5D6E32 }
```

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