

Converting Colors

Decimal(6187821)

Have a look what the booklet for
Decimal(6187821) contains.

Decimal(6187821)	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(6187821)

Conversions

Conversions Part 1

Format	Color
Hex	5E6B2D
RGB	94, 107, 45
RGB Percent	37%, 42%, 18%
CMY	0.6314, 0.5804, 0.8235
CMYK	0.12, 0.00, 0.58, 0.58
HSL	73°, 41%, 30%
HSV	73°, 58%, 42%
XYZ	10.3474, 13.0845, 4.4628
YIQ	96.0450, 12.1540, -22.0380

Conversions

Conversions Part 2

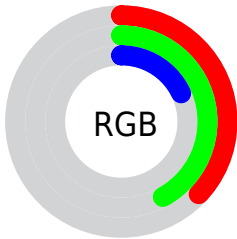
Format	Color
RYB	45, 107, 58
Decimal	6187821
CIELab	42.89, -15.09, 32.58
CIELCh	43, 35.904, 114.857
Yxy	13.0845, 0.3709, 0.4691
Android (android.graphics.Color)	4284377901 (0xFF5E6B2D)
YUV	96.0450, -25.1652, -1.7935
Hunter-Lab	36.1726, -12.2406, 18.0058

Details

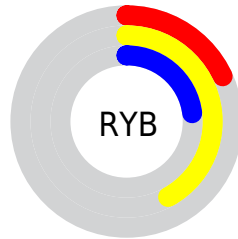
The Decimal color **6187821** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3812715**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **9608797**, and **3030016** is the 20% darker color. If you saturate the color by 10%, you get **6056738**, and if you desaturate by 10%, it is **6318904**.

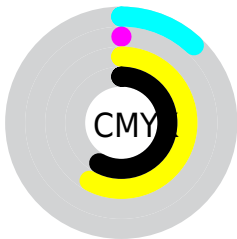
Distribution



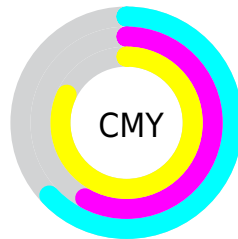
- Red (37%)
- Green (42%)
- Blue (18%)



- Red (18%)
- Yellow (42%)
- Blue (23%)



- Cyan (12%)
- Magenta (0%)
- Yellow (58%)
- Black (58%)



- Cyan (63%)
- Magenta (58%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6187821 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 6187821 by changing the saturation by 10% instead.



6187821



6187821

16777215



4543254



9608797



3030016



11385206



1517056



13227408



4608



15069611



0



16777159



16777187



6187821



6187821



6056738



6318904

■ 5925656

■ 6449986

■ 5729037

■ 6646605

■ 5597954

■ 6777688

■ 5597952

■ 6908771

■ 7039853

■ 7236472

■ 7367555

■ 7498637

Harmonies

Analogous

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



8086056



6187821



3830082

Triad

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



6187821



29077



10046572

Complementary

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



6187821



3812715

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.



8737928



6187821



1796768

Square

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



6187821



29821



6250651



10243662

Rectangle

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



6187821



1078101



6250651



9719414

Sweetspot

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



6187821



8883316



7026989



4474681



13092807



4671303

Same Dimension

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



6187821



7900202



4221741



3421744



6124800



12711168

Inverse Universe

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



3812715



4139660



5778795



3223606



1638517



3342581

Previews

White Background



This preview shows how the Decimal color 6187821 looks on a white background.

Color Contrast Check

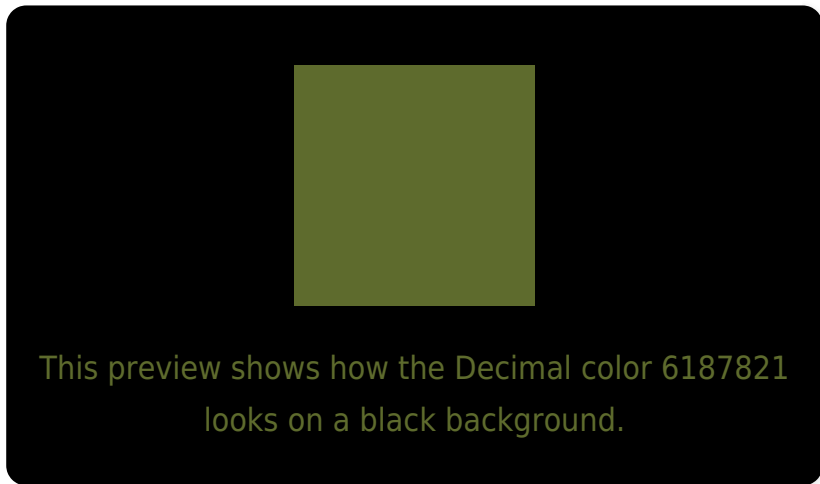
Large Text (above 18pt) WCAG AA ✓ Pass

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

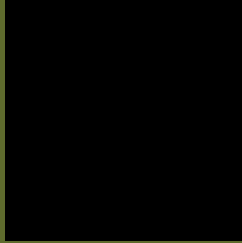
Any Text WCAG AA × Fail

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 6187821 Background



This preview shows how black text looks on a background with the Decimal color 6187821.



This preview shows how white text looks on a background with the Decimal color 6187821.

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
6187821

Protanopia
7365931

Deuteranopia
8216624



Tritanopia
6644844

Trichromacy



Original Color
6187821

Protanomaly
6907692

Deuteranomaly
7496751

Tritanomaly
6448981

Monochromacy



Original Color
6187821

Achromatopsia
6316128

Achromatomaly
6251597

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6187821 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 #5E6B2D looks like.

```
.text, #text, p{  
    color:#5E6B2D  
}
```

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 #5E6B2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6B2D
}
```

Border

The CSS property to change the border of an element to Decimal 6187821 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
#5E6B2D }
```

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

```
.border{ border-color:#5E6B2D }
```

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

Here you see how a box with a 4 pixel #5E6B2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6B2D; -webkit-box-shadow:4px 4px  
4px 4px #5E6B2D; box-shadow:4px 4px 4px  
4px #5E6B2D }
```

Background

The CSS property to change the background color of an element to Decimal 6187821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6B2D }
```

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

```
.background{ background-color:#5E6B2D }
```

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