

# Converting Colors

Decimal(6187801)

Have a look what the booklet for  
Decimal(6187801) contains.

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**Color**

**Decimal(6187801)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E6B19
RGB	94, 107, 25
RGB Percent	37%, 42%, 10%
CMY	0.6314, 0.5804, 0.9020
CMYK	0.12, 0.00, 0.77, 0.58
HSL	70°, 62%, 26%
HSV	70°, 77%, 42%
XYZ	10.0493, 12.9653, 2.8926
YIQ	93.7650, 18.5740, -28.2580

# Conversions

## Conversions Part 2

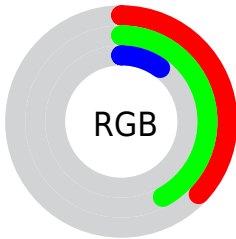
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 107, 38
Decimal	6187801
CIE Lab	42.71, -16.63, 41.55
CIE LCh	43, 44.755, 111.819
Yxy	12.9653, 0.3879, 0.5005
Android (android.graphics.Color)	4284377881 (0xFF5E6B19)
YUV	93.7650, -33.9011, 0.2061
Hunter-Lab	36.0073, -13.1953, 20.4421

# Details

The Decimal color **6187801** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2496875**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **9674315**, and **2964480** is the 20% darker color. If you saturate the color by 10%, you get **6056718**, and if you desaturate by 10%, it is **6318884**.

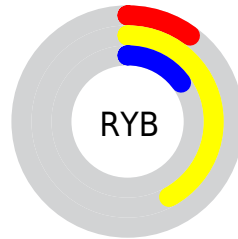
# Distribution



Red (37%)

Green (42%)

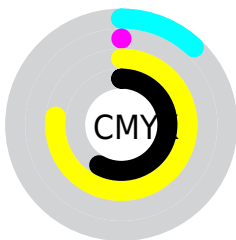
Blue (10%)



Red (10%)

Yellow (42%)

Blue (15%)

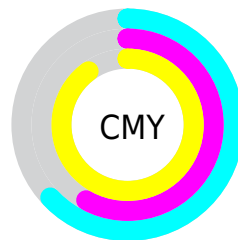


Cyan (12%)

Magenta (0%)

Yellow (77%)

Black (58%)



Cyan (63%)

Magenta (58%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6187801 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 6187801 by changing the saturation by 10% instead.





6187801



6187801

16777215



4543232



9674315



2964480



11450724



1320448



13292926



4352



15200665



0



16777140



16777168



16777197



6187801



6187801

■ 6056718

■ 6318884

■ 5991172

■ 6384430

■ 5925632

■ 6515513

■ 6646596

■ 6712142

■ 6843225

■ 6974308

■ 7105391

■ 7170937

# Harmonies

## Analogous

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



8478485



6187801



3109429

# Triad

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



6187801



29854



10699633

# Complementary

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



6187801



2496875

# 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.



8933267



6187801



27822

# Square

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



6187801



30335



5463978



11027532

# Rectangle

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



6187801



30028



5463978



10241661



# Sweetspot

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



6187801



8883308



7021849



4474675



13092807



4671303



# Same Dimension

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



6187801



7900171



3566361



3487280



6518016



13563136



# Inverse Universe

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



2496875



2100108



5118315



3223606



1245301



2556149



# Previews

## White Background



This preview shows how the Decimal color 6187801 looks on a white background.

## Color Contrast Check

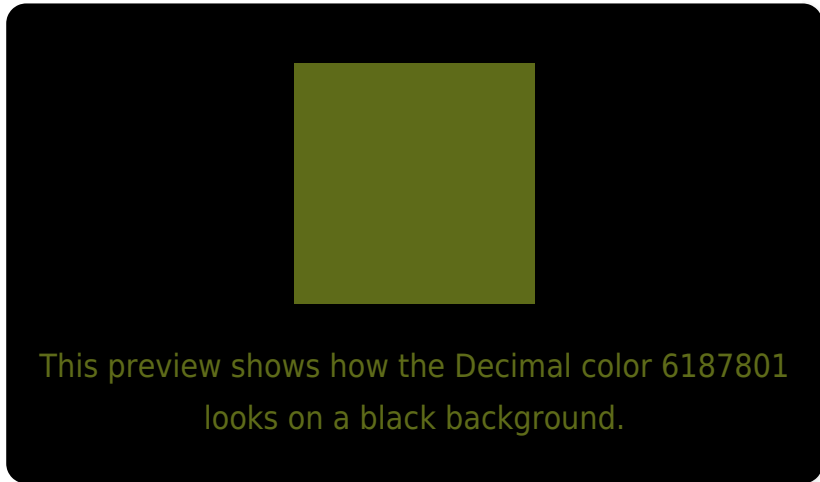
Large Text (above 18pt) WCAG AA ✓ Pass

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

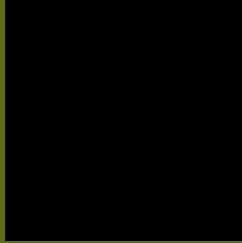
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6187801 Background



This preview shows how black text looks on a background with the Decimal color 6187801.



This preview shows how white text looks on a background with the Decimal color 6187801.

# 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**  
6187801

**Protanopia**  
7431447

**Deuteranopia**  
8282142



**Tritanopia**  
6710380

# Trichromacy



**Original Color**  
6187801

**Protanomaly**  
6973208

**Deuteranomaly**  
7496732

**Tritanomaly**  
6514510

# Monochromacy



**Original Color**  
6187801

**Achromatopsia**  
6184542

**Achromatomaly**  
6185797

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6187801 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 #5E6B19 looks like.

```
.text, #text, p{  
    color:#5E6B19  
}
```

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 #5E6B19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6B19
}
```

## Border

The CSS property to change the border of an element to Decimal 6187801 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
#5E6B19 }
```

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

```
.border{ border-color:#5E6B19 }
```

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

Here you see how a box with a 4 pixel #5E6B19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6B19; -webkit-box-shadow:4px 4px  
4px 4px #5E6B19; box-shadow:4px 4px 4px  
4px #5E6B19 }
```

# Background

The CSS property to change the background color of an element to Decimal 6187801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6B19 }
```

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

```
.background{ background-color:#5E6B19 }
```

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](#).



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