

# Converting Colors

Decimal(6253061)

Have a look what the booklet for  
Decimal(6253061) contains.

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**Color**

**Decimal(6253061)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F6A05
RGB	95, 106, 5
RGB Percent	37%, 42%, 2%
CMY	0.6275, 0.5843, 0.9804
CMYK	0.10, 0.00, 0.95, 0.58
HSL	67°, 91%, 22%
HSV	67°, 95%, 42%
XYZ	9.9007, 12.7519, 2.0831
YIQ	91.1970, 25.8650, -33.7430

# Conversions

## Conversions Part 2

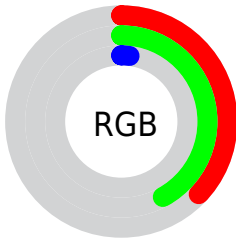
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 106, 16
Decimal	6253061
CIELab	42.39, -16.41, 47.18
CIELCh	42, 49.949, 109.179
Yxy	12.7519, 0.4003, 0.5155
Android (android.graphics.Color)	4284443141 (0xFF5F6A05)
YUV	91.1970, -42.4951, 3.3352
Hunter-Lab	35.7098, -13.0021, 21.5382

# Details

The Decimal color **6253061** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1049962**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **9739583**, and **2964224** is the 20% darker color. If you saturate the color by 10%, you get **6187520**, and if you desaturate by 10%, it is **6318608**.

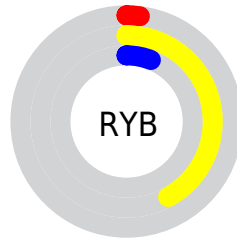
# Distribution



Red (37%)

Green (42%)

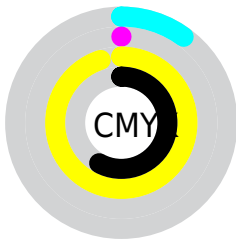
Blue (2%)



Red (2%)

Yellow (42%)

Blue (6%)

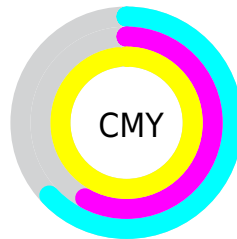


Cyan (10%)

Magenta (0%)

Yellow (95%)

Black (58%)



Cyan (63%)

Magenta (58%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6253061 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 6253061 by changing the saturation by 10% instead.





6253061



6253061

16777213



4542976



9739583



2964224



11581528



1320192



13423730



3840



15331469



0



16777128



16777156



16777184



6253061



6253061

■ 6187520

■ 6318608

■ 6384154

■ 6449701

■ 6580783

■ 6646330

■ 6711877

■ 6777423

■ 6842970

■ 6908516

# Harmonies

## Analogous

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



8740100



6253061



2847274

# Triad

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



6253061



30114



10894709

# Complementary

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



6253061



1049962

# 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.



8867226



6253061



28085

# Square

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



6253061



30590



4546482



11418956

# Rectangle

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



6253061



30021



4546482



10436994



# Sweetspot

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



6253061



8751714



6950661



4343085



12895428



4539717



# Same Dimension

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



6253061



8096256



2976261



3487280



6911232



14349568



# Inverse Universe

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



1049962



983178



4326762



3223606



852085



1769717



# Previews

## White Background



This preview shows how the Decimal color 6253061 looks on a white background.

## Color Contrast Check

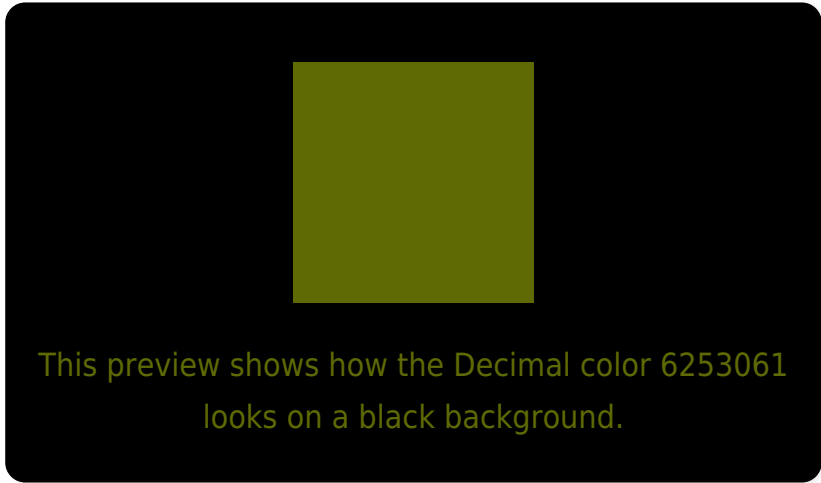
Large Text (above 18pt) WCAG AA ✓ Pass

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

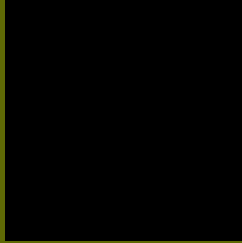
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6253061 Background



This preview shows how black text looks on a background with the Decimal color 6253061.



This preview shows how white text looks on a background with the Decimal color 6253061.

# 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**  
6253061

**Protanopia**  
7431168

**Deuteranopia**  
8281874



# Trichromacy



**Original Color**  
6253061

**Protanomaly**  
6972930

**Deuteranomaly**  
7561997

**Tritanomaly**  
6579781

# Monochromacy



**Original Color**  
6253061

**Achromatopsia**  
5987163

**Achromatomaly**  
6053948

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6253061 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 #5F6A05 looks like.

```
.text, #text, p{  
  color:#5F6A05  
}
```

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 #5F6A05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6A05
}
```

## Border

The CSS property to change the border of an element to Decimal 6253061 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
#5F6A05 }
```

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

```
.border{ border-color:#5F6A05 }
```

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

Here you see how a box with a 4 pixel #5F6A05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6A05; -webkit-box-shadow:4px 4px  
4px 4px #5F6A05; box-shadow:4px 4px 4px  
4px #5F6A05 }
```

# Background

The CSS property to change the background color of an element to Decimal 6253061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6A05 }
```

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

```
.background{ background-color:#5F6A05 }
```

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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