

# Converting Colors

Decimal(6312481)

Have a look what the booklet for  
Decimal(6312481) contains.

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**Color**

**Decimal(6312481)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	605221
RGB	96, 82, 33
RGB Percent	38%, 32%, 13%
CMY	0.6235, 0.6784, 0.8706
CMYK	0.00, 0.15, 0.66, 0.62
HSL	47°, 49%, 25%
HSV	47°, 66%, 38%
XYZ	8.1157, 8.6312, 2.6771
YIQ	80.6000, 24.0730, -12.2710

# Conversions

## Conversions Part 2

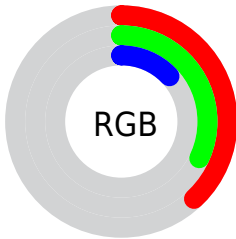
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	51, 96, 33
Decimal	6312481
CIE <sub>Lab</sub>	35.26, -0.79, 30.23
CIE <sub>LCh</sub>	35, 30.241, 91.503
Yxy	8.6312, 0.4178, 0.4444
Android (android.graphics.Color)	4284502561 (0xFF605221)
YUV	80.6000, -23.4668, 13.5058
Hunter-Lab	29.3789, -2.1039, 15.1625

# Details

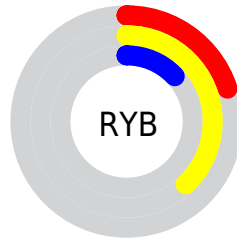
The Decimal color **6312481** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2174816**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **9732944**, and **3155456** is the 20% darker color. If you saturate the color by 10%, you get **6311959**, and if you desaturate by 10%, it is **6313003**.

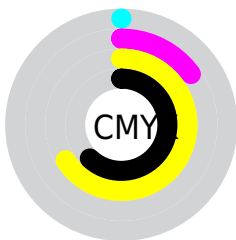
# Distribution



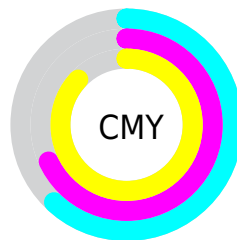
- Red (38%)
- Green (32%)
- Blue (13%)



- Red (20%)
- Yellow (38%)
- Blue (13%)



- Cyan (0%)
- Magenta (15%)
- Yellow (66%)
- Black (62%)



- Cyan (62%)
- Magenta (68%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6312481 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 6312481 by changing the saturation by 10% instead.





6312481



6312481

16777215



4668170



9732944



3155456



11574632



1511680



13416578



0



15324316



16773303



16777171



16777199



6312481



6312481

■ 6311959

■ 6313003

■ 6311438

■ 6313524

■ 6310916

■ 6314046

■ 6310656

■ 6314823

■ 6315345

■ 6315867

■ 6316388

■ 6316910

■ 6317431

# Harmonies

## Analogous

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



7555369



6312481



4675880

# Triad

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



6312481



24427



7488362

# Complementary

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



6312481



2174816

# 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.



5655676



6312481



23421

# Square

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



6312481



24403



2774403



8339027

# Rectangle

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



6312481



3431476



2774403



6964849



# Sweetspot

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



6312481



8222564



6299952



4209712



12566463



4210752



# Same Dimension

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



6312481



8218394



5201953



3157804



7362304



15776256



# Inverse Universe

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



2174816



1716349



3285344



2895152



6512



13808



# Previews

## White Background



This preview shows how the Decimal color 6312481 looks on a white background.

## Color Contrast Check

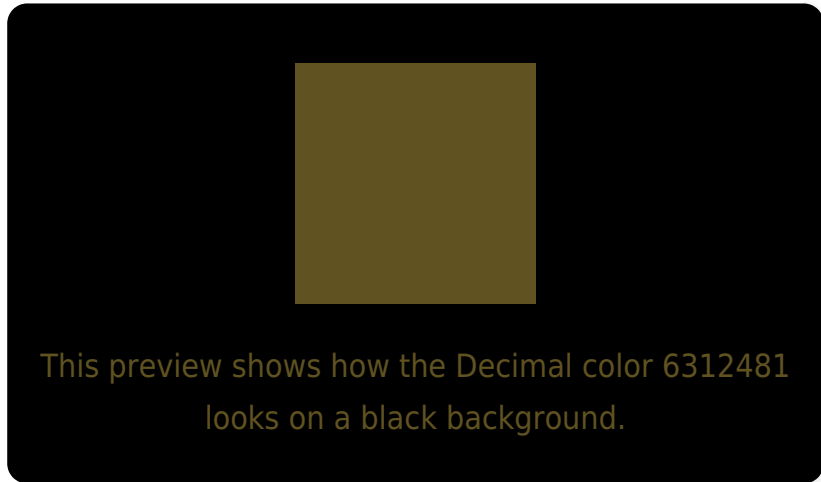
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

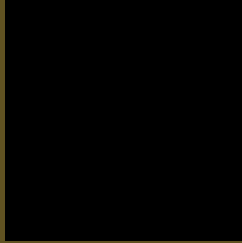
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6312481 Background



This preview shows how black text looks on a background with the Decimal color 6312481.



This preview shows how white text looks on a background with the Decimal color 6312481.

# 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**  
6312481

**Protanopia**  
6116129

**Deuteranopia**  
6770466



**Tritanopia**  
6573395

# Trichromacy



**Original Color**  
6312481

**Protanomaly**  
6181665

**Deuteranomaly**  
6574114

**Tritanomaly**  
6508353

# Monochromacy



**Original Color**  
6312481

**Achromatopsia**  
5329233

**Achromatomaly**  
5656896

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6312481 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 #605221 looks like.

```
.text, #text, p{  
    color:#605221  
}
```

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 #605221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #605221
}
```

## Border

The CSS property to change the border of an element to Decimal 6312481 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
#605221 }
```

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

```
.border{ border-color:#605221 }
```

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

Here you see how a box with a 4 pixel #605221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #605221; -webkit-box-shadow:4px 4px  
4px 4px #605221; box-shadow:4px 4px 4px  
4px #605221 }
```

# Background

The CSS property to change the background color of an element to Decimal 6312481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#605221 }
```

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

```
.background{ background-color:#605221 }
```

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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