

# Converting Colors

Decimal(6317413)

Have a look what the booklet for  
Decimal(6317413) contains.

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# Color

**Decimal(6317413)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	606565
RGB	96, 101, 101
RGB Percent	38%, 40%, 40%
CMY	0.6235, 0.6039, 0.6039
CMYK	0.05, 0.00, 0.00, 0.60
HSL	180°, 3%, 39%
HSV	180°, 5%, 40%
XYZ	11.8265, 12.7337, 14.1465
YIQ	99.5050, -2.9800, -1.0600

# Conversions

## Conversions Part 2

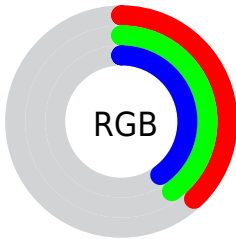
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 99, 101
Decimal	6317413
CIE <sub>Lab</sub>	42.36, -1.93, -0.68
CIE <sub>LCh</sub>	42, 2.046, 199.313
Yxy	12.7337, 0.3055, 0.3290
Android (android.graphics.Color)	4284507493 (0xFF606565)
YUV	99.5050, 0.7370, -3.0739
Hunter-Lab	35.6844, -3.2892, 1.4746

# Details

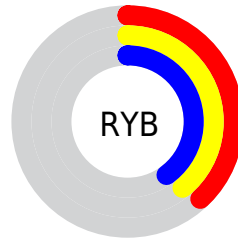
The Decimal color **6317413** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6643808**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **9607320**, and **3290678** is the 20% darker color. If you saturate the color by 10%, you get **5662053**, and if you desaturate by 10%, it is **6972773**.

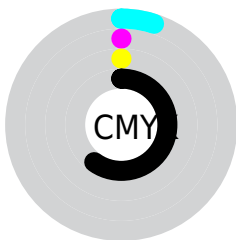
# Distribution



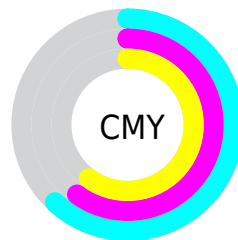
- Red (38%)
- Green (40%)
- Blue (40%)



- Red (38%)
- Yellow (39%)
- Blue (40%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (60%)



- Cyan (62%)
- Magenta (60%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6317413 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 6317413 by changing the saturation by 10% instead.





6317413



6317413

16777215



4738381



9607320



3290678



11383731



1909025



13160142



199178



15002346



0



6317413



6317413



5662053



6972773



5006693



7628133



4351333



8283493

■ 3695973

■ 8938853

■ 3040613

■ 9659749

■ 2319717

■ 10315109

■ 1664357

■ 10970469

■ 1008997

■ 11625829

■ 353637

■ 12281189

# Harmonies

## Analogous

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



6382947



6317413



6317414

# Triad

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



6317413



6710118



6710369

# Complementary

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



6317413



6643808

# 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.



6775649



6317413



6775653

# Square

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



6317413



6579303



6841187



6579297

# Rectangle

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



6317413



6382695



6841187



6775649



# Sweetspot

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



6317413



8487554



6317408



4342338



12763842

# Same Dimension

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



6317413



8028802



6316901



3093299



29555



62194



# Inverse Universe

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



6643813



8551042



6644576



3354419



7536755



15859954



# Previews

## White Background



This preview shows how the Decimal color 6317413 looks on a white background.

## Color Contrast Check

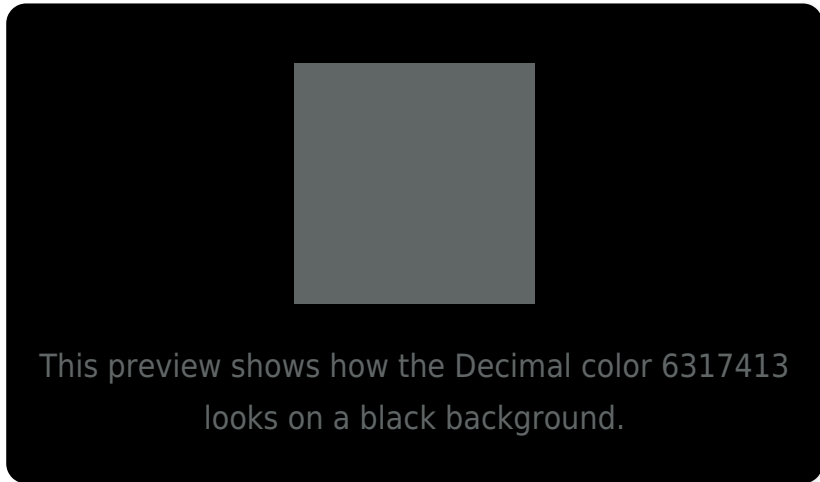
Large Text (above 18pt) WCAG AA ✓ Pass

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

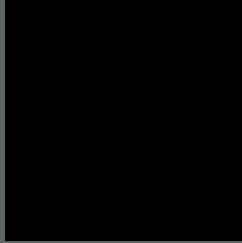
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

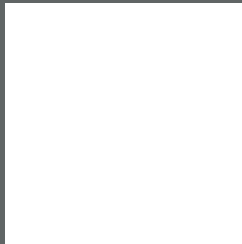
Any Text WCAG AAA × Fail

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

## Decimal 6317413 Background



This preview shows how black text looks on a background with the Decimal color 6317413.



This preview shows how white text looks on a background with the Decimal color 6317413.



# 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**  
6317413

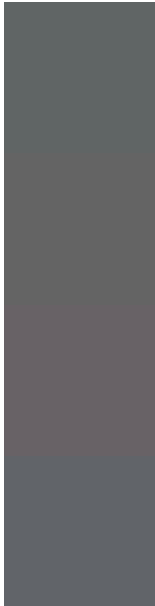
**Protanopia**  
6710116

**Deuteranopia**  
7168358



**Tritanopia**  
6382700

# Trichromacy



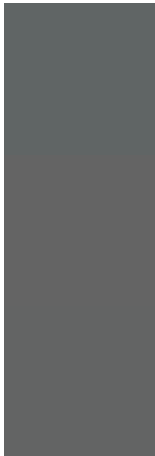
**Original Color**  
6317413

**Protanomaly**  
6579300

**Deuteranomaly**  
6840934

**Tritanomaly**  
6382697

# Monochromacy



**Original Color**  
6317413

**Achromatopsia**  
6579300

**Achromatomaly**  
6513764

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6317413 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 #606565 looks like.

```
.text, #text, p{  
    color:#606565  
}
```

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 #606565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #606565
}
```

## Border

The CSS property to change the border of an element to Decimal 6317413 is called "border". The border property can be set on classes, ids or directly on the HTML element.

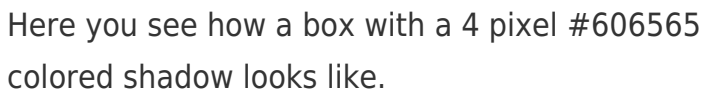
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#606565 }
```

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

```
.border{ border-color:#606565 }
```

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



Here you see how a box with a 4 pixel #606565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #606565; -webkit-box-shadow:4px 4px  
4px 4px #606565; box-shadow:4px 4px 4px  
4px #606565 }
```

# Background

The CSS property to change the background color of an element to Decimal 6317413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#606565 }
```

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

```
.background{ background-color:#606565 }
```

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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