

# Converting Colors

Decimal(6316402)

Have a look what the booklet for  
Decimal(6316402) contains.

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# Color

**Decimal(6316402)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	606172
RGB	96, 97, 114
RGB Percent	38%, 38%, 45%
CMY	0.6235, 0.6196, 0.5529
CMYK	0.16, 0.15, 0.00, 0.55
HSL	237°, 9%, 41%
HSV	237°, 16%, 45%
XYZ	12.1358, 12.2511, 17.6447
YIQ	98.6390, -6.0530, 5.0750

# Conversions

## Conversions Part 2

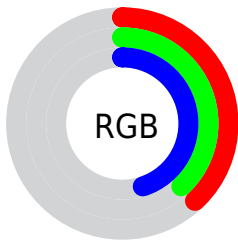
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	96, 97, 114
Decimal	6316402
CIE Lab	41.61, 3.45, -9.71
CIE LCh	42, 10.301, 289.546
Yxy	12.2511, 0.2887, 0.2915
Android (android.graphics.Color)	4284506482 (0xFF606172)
YUV	98.6390, 7.5730, -2.3144
Hunter-Lab	35.0016, 0.6372, -5.3876

# Details

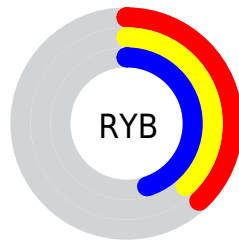
The Decimal color **6316402** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7500128**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **9671846**, and **3289922** is the 20% darker color. If you saturate the color by 10%, you get **5592690**, and if you desaturate by 10%, it is **7040114**.

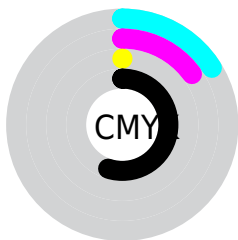
# Distribution



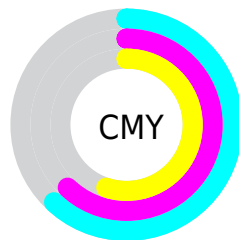
- Red (38%)
- Green (38%)
- Blue (45%)



- Red (38%)
- Yellow (38%)
- Blue (45%)



- Cyan (16%)
- Magenta (15%)
- Yellow (0%)
- Black (55%)



- Cyan (62%)
- Magenta (62%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6316402 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 6316402 by changing the saturation by 10% instead.





6316402



6316402

16777215



4737369



9671846



3289922



11382465



1842732



13224413



263192



15066873



0



6316402



6316402



5592690



7040114



4803442



7829362



4079986



8552818

■ 3290738

■ 9342066

■ 2567026

■ 10065778

■ 1843314

■ 10789490

■ 1054322

■ 11578482

■ 330610

■ 12302194

■ 1650

■ 13091442

# Harmonies

## Analogous

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



5596275



6316402



6970989

# Triad

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



6316402



7495254



5334879

# Complementary

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



6316402



7500128

# 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.



5858903



6316402



7102802

# Square

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



6316402



7625821



6513490



5007207

# Rectangle

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



6316402



7363944



6513490



5465948



# Sweetspot

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



6316402



9276820



6320753



4605514



13224393



4868682



# Same Dimension

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



6316402



7895444



6840434



3289912



1912



3831



# Inverse Universe

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



7495777



9730169



6976096



3682867



7864327



16187406



# Previews

## White Background



This preview shows how the Decimal color 6316402 looks on a white background.

## Color Contrast Check

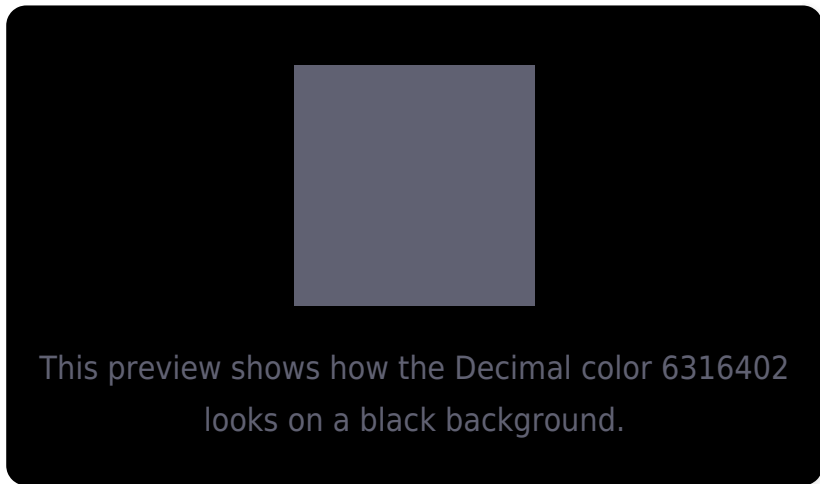
Large Text (above 18pt) WCAG AA ✓ Pass

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

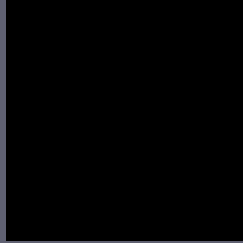
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6316402 Background



This preview shows how black text looks on a background with the Decimal color 6316402.



This preview shows how white text looks on a background with the Decimal color 6316402.

# 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**

6316402

**Protanopia**

6250866

**Deuteranopia**

6578290



**Tritanopia**  
6251114

# Trichromacy



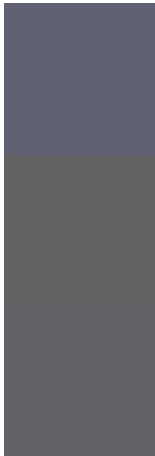
**Original Color**  
6316402

**Protanomaly**  
6250866

**Deuteranomaly**  
6512754

**Tritanomaly**  
6251117

# Monochromacy



**Original Color**  
6316402

**Achromatopsia**  
6513507

**Achromatomaly**  
6447720

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6316402 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 #606172 looks like.

```
.text, #text, p{  
    color:#606172  
}
```

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 #606172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #606172
}
```

## Border

The CSS property to change the border of an element to Decimal 6316402 is called "border". The border property can be set on classes, ids or directly on the HTML element.

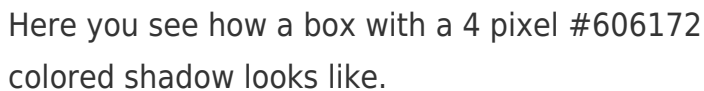
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#606172 }
```

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

```
.border{ border-color:#606172 }
```

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



Here you see how a box with a 4 pixel #606172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #606172; -webkit-box-shadow:4px 4px  
4px 4px #606172; box-shadow:4px 4px 4px  
4px #606172 }
```

# Background

The CSS property to change the background color of an element to Decimal 6316402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#606172 }
```

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

```
.background{ background-color:#606172 }
```

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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