

# Converting Colors

Decimal(6516071)

Have a look what the booklet for  
Decimal(6516071) contains.

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# Color

**Decimal(6516071)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	636D67
RGB	99, 109, 103
RGB Percent	39%, 43%, 40%
CMY	0.6118, 0.5725, 0.5961
CMYK	0.09, 0.00, 0.06, 0.57
HSL	144°, 5%, 41%
HSV	144°, 9%, 43%
XYZ	13.0624, 14.5692, 14.9556
YIQ	105.3260, -4.0340, -3.9860

# Conversions

## Conversions Part 2

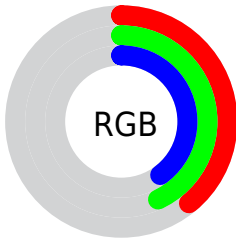
Format	Color
R <sub>Y</sub> B	99, 106, 109
Decimal	6516071
CIE Lab	45.04, -5.07, 2.05
CIE LCh	45, 5.467, 158.014
Yxy	14.5692, 0.3067, 0.3421
Android (android.graphics.Color)	4284706151 (0xFF636D67)
YUV	105.3260, -1.1467, -5.5479
Hunter-Lab	38.1696, -5.7106, 3.4877

# Details

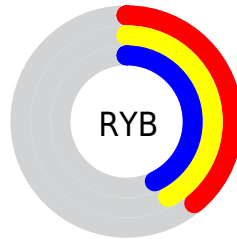
The Decimal color **6516071** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7168873**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **9871514**, and **3423800** is the 20% darker color. If you saturate the color by 10%, you get **5795168**, and if you desaturate by 10%, it is **7236974**.

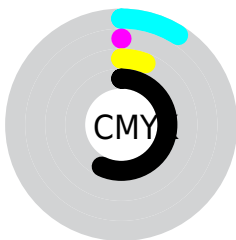
# Distribution



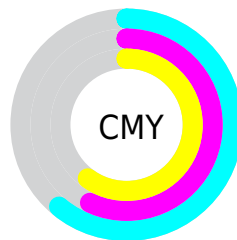
- Red (39%)
- Green (43%)
- Blue (40%)



- Red (39%)
- Yellow (42%)
- Blue (43%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (57%)



- Cyan (61%)
- Magenta (57%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6516071 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 6516071 by changing the saturation by 10% instead.





6516071



6516071

16777215



4937039



9871514



3423800



11582389



2041891



13424592



529165



15267053



0



6516071



6516071



5795168



7236974



5074266



7957876



4353363



8678779

■ 3632461

■ 9399681

■ 2977094

■ 10120584

■ 2256192

■ 10775950

■ 1535289

■ 11496853

■ 814387

■ 12217755

■ 93484

■ 12938658

# Harmonies

## Analogous

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



6843491



6516071



6319468

# Triad

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



6516071



6777715



7628901

# Complementary

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



6516071



7168873

# 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.



7628905



6516071



7170418

# Square

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



6516071



6450291



7497838



7498082

# Rectangle

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



6516071



6253935



7497838



7694438



# Sweetspot

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



6516071



9146252



6909283



4540230



13092807



4671303



# Same Dimension

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



6516071



8359813



6516076



3159602



29999



62818



# Inverse Universe

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



7168873



9404297



7168868



3551283



7667782



16056467



# Previews

## White Background



This preview shows how the Decimal color 6516071 looks on a white background.

## Color Contrast Check

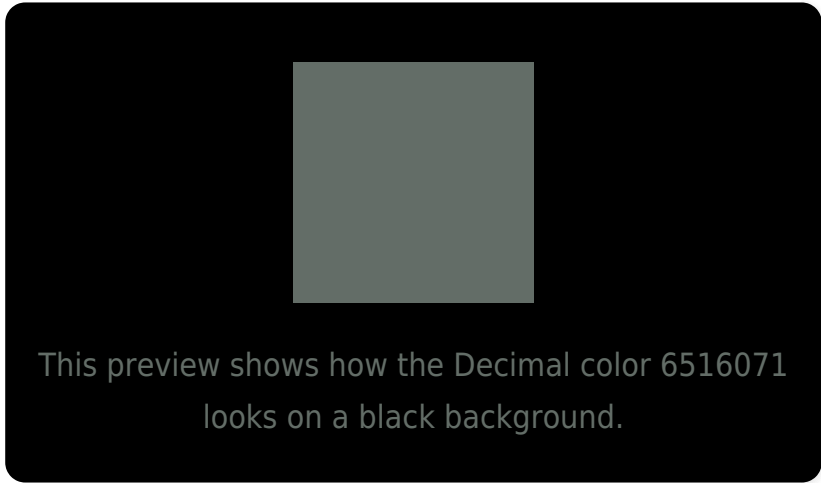
Large Text (above 18pt) WCAG AA ✓ Pass

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

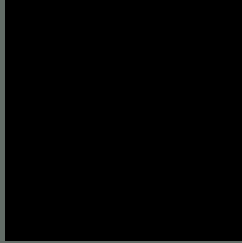
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

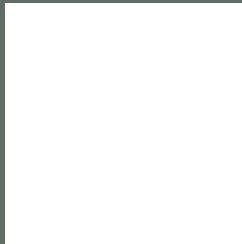
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6516071 Background



This preview shows how black text looks on a background with the Decimal color 6516071.



This preview shows how white text looks on a background with the Decimal color 6516071.

# 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**  
6516071

**Protanopia**  
7170661

**Deuteranopia**  
7694184



**Tritanopia**  
6646644

# Trichromacy



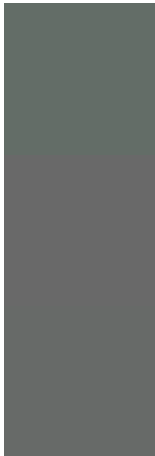
**Original Color**  
6516071

**Protanomaly**  
6908774

**Deuteranomaly**  
7235944

**Tritanomaly**  
6581359

# Monochromacy



**Original Color**  
6516071

**Achromatopsia**  
6908265

**Achromatomaly**  
6777448

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6516071 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 #636D67 looks like.

```
.text, #text, p{  
    color:#636D67  
}
```

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 #636D67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636D67
}
```

## Border

The CSS property to change the border of an element to Decimal 6516071 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
#636D67 }
```

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

```
.border{ border-color:#636D67 }
```

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

Here you see how a box with a 4 pixel #636D67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636D67; -webkit-box-shadow:4px 4px  
4px 4px #636D67; box-shadow:4px 4px 4px  
4px #636D67 }
```

# Background

The CSS property to change the background color of an element to Decimal 6516071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636D67 }
```

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

```
.background{ background-color:#636D67 }
```

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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