

# Converting Colors

Decimal(6386273)

Have a look what the booklet for  
Decimal(6386273) contains.

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# Color

**Decimal(6386273)**

# Conversions

## Conversions Part 1

Format	Color
Hex	617261
RGB	97, 114, 97
RGB Percent	38%, 45%, 38%
CMY	0.6196, 0.5529, 0.6196
CMYK	0.15, 0.00, 0.15, 0.55
HSL	120°, 8%, 41%
HSV	120°, 15%, 45%
XYZ	13.1047, 15.4391, 13.5986
YIQ	106.9790, -4.6750, -8.8910

# Conversions

## Conversions Part 2

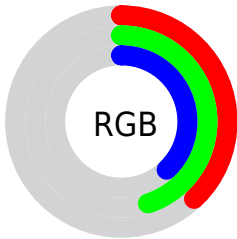
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 114, 114
Decimal	6386273
CIE <sub>Lab</sub>	46.23, -9.93, 7.32
CIE <sub>LCh</sub>	46, 12.335, 143.588
Yxy	15.4391, 0.3110, 0.3664
Android (android.graphics.Color)	4284576353 (0xFF617261)
YUV	106.9790, -4.9196, -8.7516
Hunter-Lab	39.2926, -9.2293, 6.9854

# Details

The Decimal color **6386273** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7496050**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **9741972**, and **3293747** is the 20% darker color. If you saturate the color by 10%, you get **5665366**, and if you desaturate by 10%, it is **7107180**.

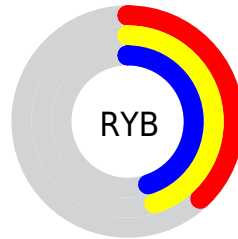
# Distribution



Red (38%)

Green (45%)

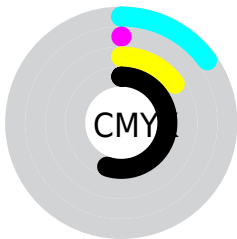
Blue (38%)



Red (38%)

Yellow (45%)

Blue (45%)

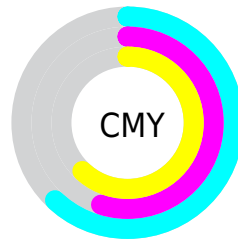


Cyan (15%)

Magenta (0%)

Yellow (15%)

Black (55%)



Cyan (62%)

Magenta (55%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6386273 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 6386273 by changing the saturation by 10% instead.





6386273



6386273

16777215



4806985



9741972



3293747



11452846



1911838



13295050



333828



15137254



0



6386273



6386273



5665366



7107180



4878922



7893624



4158015



8614531

■ 3371571

■ 9400975

■ 2650664

■ 10121882

■ 1929757

■ 10842789

■ 1143313

■ 11629233

■ 422406

■ 12350140

■ 29184

■ 13136584

# Harmonies

## Analogous

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



7171931



6386273



5731179

# Triad

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



6386273



6254466



8611686

# Complementary

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



6386273



7496050

# 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.



8480624



6386273



7171200

# Square

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



6386273



5599870



7956602



8415581

# Rectangle

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



6386273



5469298



7956602



8611433



# Sweetspot

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



6386273



9344142



7500385



4606534



13224393



4868682



# Same Dimension

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



6386273



7967865



6386282



3291186



30720



63232



# Inverse Universe

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



7496050



9730452



7496042



3682872



7864440



16187639



# Previews

## White Background



This preview shows how the Decimal color 6386273 looks on a white background.

## Color Contrast Check

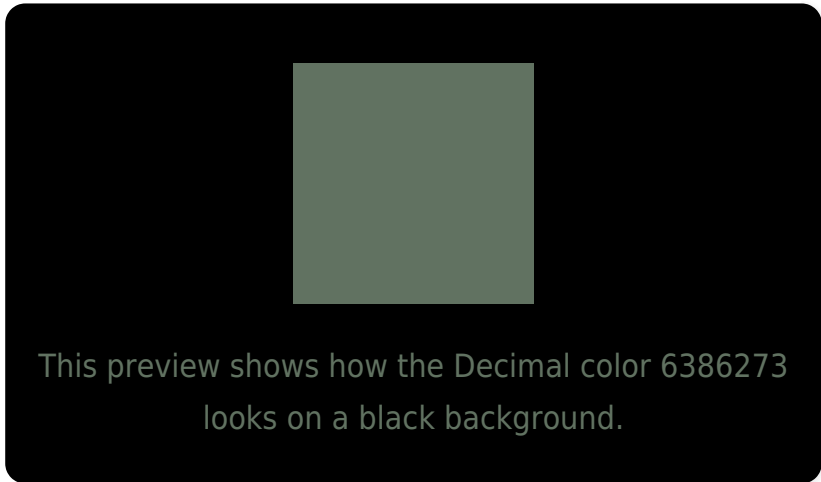
Large Text (above 18pt) WCAG AA ✓ Pass

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

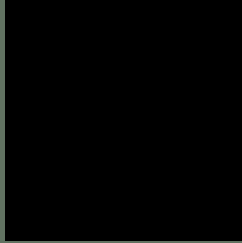
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6386273 Background



This preview shows how black text looks on a background with the Decimal color 6386273.



This preview shows how white text looks on a background with the Decimal color 6386273.

# 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**  
6386273

**Protanopia**  
7564638

**Deuteranopia**  
8153443



**Tritanopia**  
6647672

# Trichromacy



**Original Color**  
6386273

**Protanomaly**  
7106399

**Deuteranomaly**  
7498850

**Tritanomaly**  
6582384

# Monochromacy



**Original Color**  
6386273

**Achromatopsia**  
7039851

**Achromatomaly**  
6778471

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6386273 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 #617261 looks like.

```
.text, #text, p{  
    color:#617261  
}
```

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 #617261 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617261  
}
```

## Border

The CSS property to change the border of an element to Decimal 6386273 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  
#617261 }
```

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

```
.border{ border-color:#617261 }
```

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

Here you see how a box with a 4 pixel #617261 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617261; -webkit-box-shadow:4px 4px  
4px 4px #617261; box-shadow:4px 4px 4px  
4px #617261 }
```

# Background

The CSS property to change the background color of an element to Decimal 6386273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617261 }
```

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

```
.background{ background-color:#617261 }
```

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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