

# Converting Colors

Decimal(6386542)

Have a look what the booklet for  
Decimal(6386542) contains.

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# Color

**Decimal(6386542)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61736E
RGB	97, 115, 110
RGB Percent	38%, 45%, 43%
CMY	0.6196, 0.5490, 0.5686
CMYK	0.16, 0.00, 0.04, 0.55
HSL	163°, 8%, 42%
HSV	163°, 16%, 45%
XYZ	13.8750, 15.9286, 17.0951
YIQ	109.0480, -9.1230, -5.3710

# Conversions

## Conversions Part 2

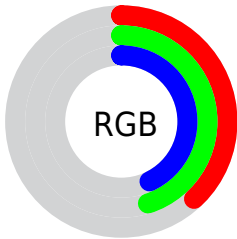
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 107, 115
Decimal	6386542
CIE Lab	46.88, -7.77, 0.52
CIE LCh	47, 7.785, 176.168
Yxy	15.9286, 0.2958, 0.3396
Android (android.graphics.Color)	4284576622 (0xFF61736E)
YUV	109.0480, 0.4693, -10.5661
Hunter-Lab	39.9107, -7.7881, 2.5416

# Details

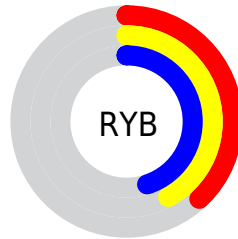
The Decimal color **6386542** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7561574**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **9742242**, and **3294015** is the 20% darker color. If you saturate the color by 10%, you get **5665643**, and if you desaturate by 10%, it is **7107441**.

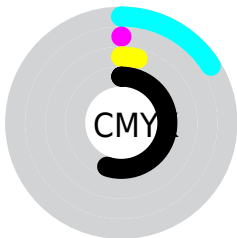
# Distribution



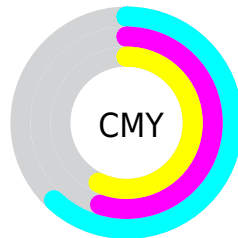
- Red (38%)
- Green (45%)
- Blue (43%)



- Red (38%)
- Yellow (42%)
- Blue (45%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (55%)



- Cyan (62%)
- Magenta (55%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6386542 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 6386542 by changing the saturation by 10% instead.





6386542



6386542

16777215



4807254



9742242



3294015



11453117



1912105



13295320



334100



15137781



0



6386542



6386542



5665643



7107441



4879208



7893876



4158308



8680312

■ 3371873

■ 9401211

■ 2585438

■ 10187646

■ 1864539

■ 10908545

■ 1078104

■ 11694980

■ 357204

■ 12415880

■ 29523

■ 13202315

# Harmonies

## Analogous

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



6779496



6386542



6255477

# Triad

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



6386542



7302779



8088677

# Complementary

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



6386542



7561574

# 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.



8219498



6386542



7826550

# Square

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



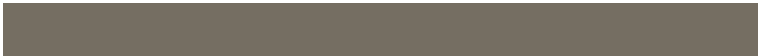
6386542



6779004



8153968



7695970

# Rectangle

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



6386542



6320760



8153968



8154214



# Sweetspot

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



6386542



9410196



6714209



4738379



13421772



5066061



# Same Dimension

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



6386542



8033935



6385523



3488569



31320



64180



# Inverse Universe

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



7561574



9861762



7562593



3880246



7995426



16384069



# Previews

## White Background



This preview shows how the Decimal color 6386542 looks on a white background.

## Color Contrast Check

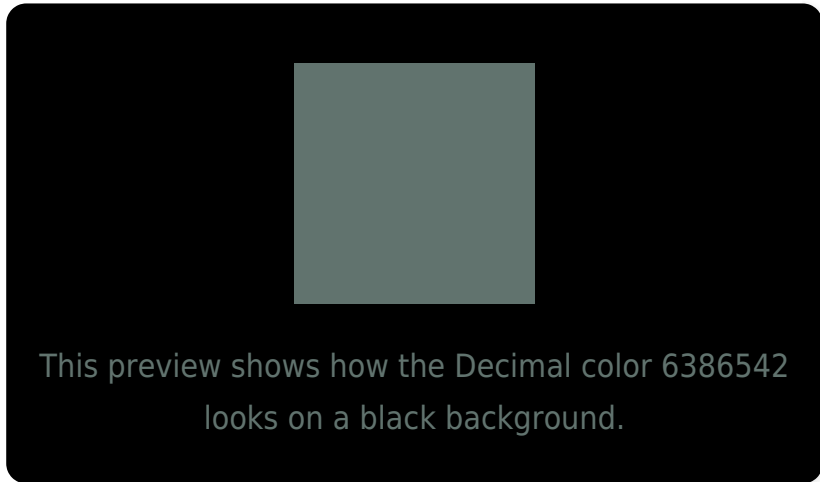
Large Text (above 18pt) WCAG AA ✓ Pass

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

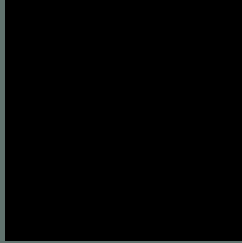
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6386542 Background



This preview shows how black text looks on a background with the Decimal color 6386542.



This preview shows how white text looks on a background with the Decimal color 6386542.

# 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**  
6386542

**Protanopia**  
7499371

**Deuteranopia**  
7957360



**Tritanopia**  
6517114

# Trichromacy



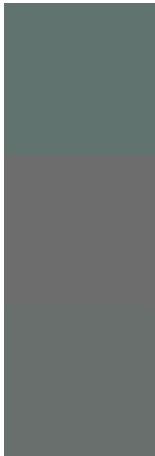
**Original Color**  
6386542

**Protanomaly**  
7106668

**Deuteranomaly**  
7368303

**Tritanomaly**  
6451830

# Monochromacy



**Original Color**  
6386542

**Achromatopsia**  
7171437

**Achromatomaly**  
6909805

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6386542 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 #61736E looks like.

```
.text, #text, p{  
    color:#61736E  
}
```

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 #61736E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61736E
}
```

## Border

The CSS property to change the border of an element to Decimal 6386542 is called "border". The border property can be set on classes, ids or directly on the HTML element.

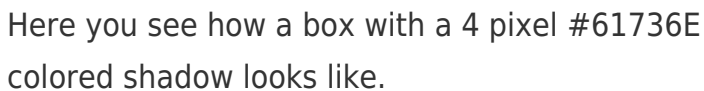
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61736E }
```

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

```
.border{ border-color:#61736E }
```

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



Here you see how a box with a 4 pixel #61736E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61736E; -webkit-box-shadow:4px 4px  
4px 4px #61736E; box-shadow:4px 4px 4px  
4px #61736E }
```

# Background

The CSS property to change the background color of an element to Decimal 6386542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61736E }
```

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

```
.background{ background-color:#61736E }
```

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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