

# Converting Colors

Decimal(6386276)

Have a look what the booklet for  
Decimal(6386276) contains.

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# Color

**Decimal(6386276)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	617264
RGB	97, 114, 100
RGB Percent	38%, 45%, 39%
CMY	0.6196, 0.5529, 0.6078
CMYK	0.15, 0.00, 0.12, 0.55
HSL	131°, 8%, 41%
HSV	131°, 15%, 45%
XYZ	13.2473, 15.4961, 14.3494
YIQ	107.3210, -5.6380, -7.9580

# Conversions

## Conversions Part 2

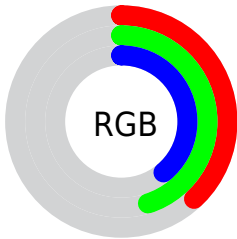
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 111, 114
Decimal	6386276
CIE <sub>Lab</sub>	46.31, -9.32, 5.65
CIE <sub>LCh</sub>	46, 10.900, 148.799
Yxy	15.4961, 0.3074, 0.3596
Android (android.graphics.Color)	4284576356 (0xFF617264)
YUV	107.3210, -3.6093, -9.0515
Hunter-Lab	39.3651, -8.8193, 5.9431

# Details

The Decimal color **6386276** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7496047**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **9741975**, and **3293749** is the 20% darker color. If you saturate the color by 10%, you get **5665371**, and if you desaturate by 10%, it is **7107181**.

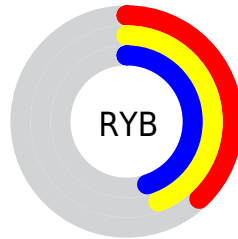
# Distribution



Red (38%)

Green (45%)

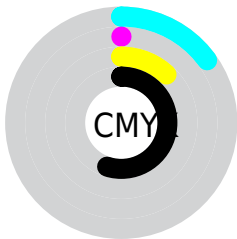
Blue (39%)



Red (38%)

Yellow (44%)

Blue (45%)

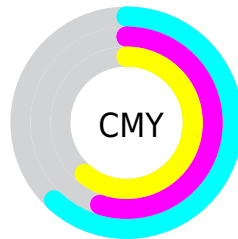


Cyan (15%)

Magenta (0%)

Yellow (12%)

Black (55%)



Cyan (62%)

Magenta (55%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6386276 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 6386276 by changing the saturation by 10% instead.



6386276

6386276

16777215

4806988

9741975

3293749

11452849

1911840

13295053

333833

15137257

0

6386276

6386276

5665371

7107181

4878929

7893623

4158024

8614528

■ 3371582

■ 9400970

■ 2650677

■ 10121875

■ 1929772

■ 10842780

■ 1143330

■ 11629222

■ 422425

■ 12350127

■ 29204

■ 13136568

# Harmonies

## Analogous

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



7041118



6386276



5862253

# Triad

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



6386276



6516608



8480869

# Complementary

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



6386276



7496047

# 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.



8415086



6386276



7302014

# Square

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



6386276



5927293



7956855



8219230

# Rectangle

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



6386276



5665651



7956855



8480872



# Sweetspot

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



6386276



9344143



7303777



4606535



13224393



4868682



# Same Dimension

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



6386276



7967870



6386284



3291187



30741



63276



# Inverse Universe

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



7496047



9730447



7496039



3682871



7864419

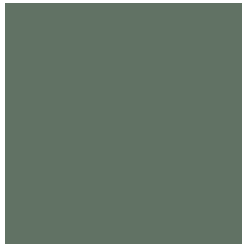


16187596



# Previews

## White Background



This preview shows how the Decimal color 6386276 looks on a white background.

## Color Contrast Check

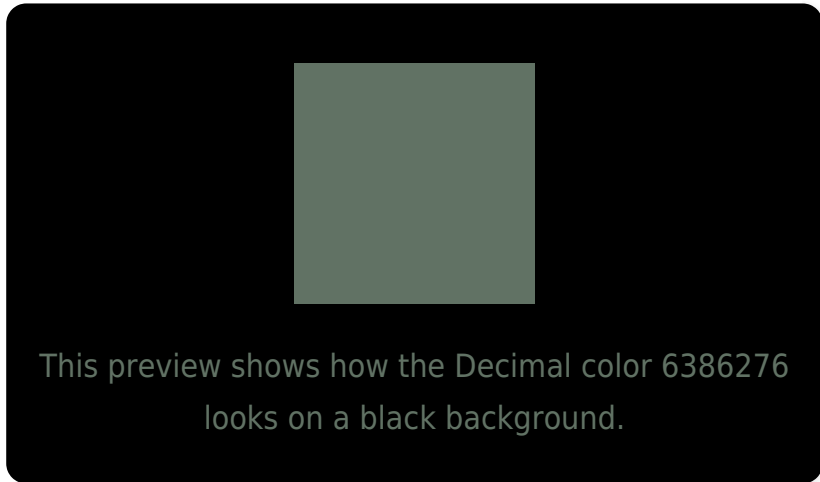
Large Text (above 18pt) WCAG AA ✓ Pass

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

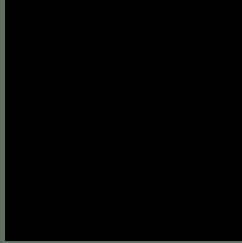
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

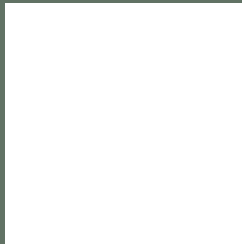
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6386276 Background



This preview shows how black text looks on a background with the Decimal color 6386276.



This preview shows how white text looks on a background with the Decimal color 6386276.

# 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**  
6386276

**Protanopia**  
7499105

**Deuteranopia**  
8088166



# Trichromacy



**Original Color**  
6386276

**Protanomaly**  
7106402

**Deuteranomaly**  
7499109

**Tritanomaly**  
6516849

# Monochromacy



**Original Color**  
6386276

**Achromatopsia**  
7039851

**Achromatomaly**  
6778472

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6386276 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 #617264 looks like.

```
.text, #text, p{  
    color:#617264  
}
```

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 #617264 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617264
}
```

## Border

The CSS property to change the border of an element to Decimal 6386276 is called "border". The border property can be set on classes, ids or directly on the HTML element.

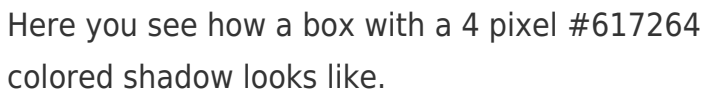
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#617264 }
```

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

```
.border{ border-color:#617264 }
```

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



Here you see how a box with a 4 pixel #617264 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617264; -webkit-box-shadow:4px 4px  
4px 4px #617264; box-shadow:4px 4px 4px  
4px #617264 }
```

# Background

The CSS property to change the background color of an element to Decimal 6386276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617264 }
```

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

```
.background{ background-color:#617264 }
```

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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