

# Converting Colors

Decimal(6517364)

Have a look what the booklet for  
Decimal(6517364) contains.

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# Color

**Decimal(6517364)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	637274
RGB	99, 114, 116
RGB Percent	39%, 45%, 45%
CMY	0.6118, 0.5529, 0.5451
CMYK	0.15, 0.02, 0.00, 0.55
HSL	187°, 8%, 42%
HSV	187°, 15%, 45%
XYZ	14.3153, 15.9482, 18.8468
YIQ	109.7430, -9.5820, -2.5580

# Conversions

## Conversions Part 2

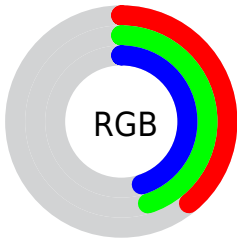
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 107, 116
Decimal	6517364
CIE <sub>Lab</sub>	46.91, -5.12, -3.00
CIE <sub>LCh</sub>	47, 5.937, 210.366
Yxy	15.9482, 0.2915, 0.3247
Android (android.graphics.Color)	4284707444 (0xFF637274)
YUV	109.7430, 3.0847, -9.4216
Hunter-Lab	39.9352, -5.9011, -0.0263

# Details

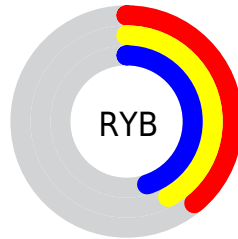
The Decimal color **6517364** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7628131**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **9873064**, and **3424836** is the 20% darker color. If you saturate the color by 10%, you get **5730676**, and if you desaturate by 10%, it is **7304052**.

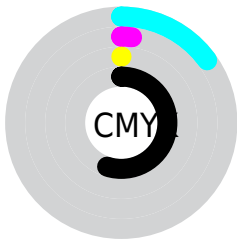
# Distribution



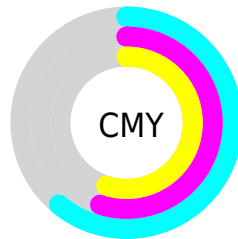
- Red (39%)
- Green (45%)
- Blue (45%)



- Red (39%)
- Yellow (42%)
- Blue (45%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (55%)



- Cyan (61%)
- Magenta (55%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6517364 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 6517364 by changing the saturation by 10% instead.





6517364



6517364

16777215



4938331



9873064



3424836



11649475



2042926



13426143



530457



15268348



0



6517364



6517364



5730676



7304052



5009268



8025460



4222580



8812148

■ 3501428

■ 9533300

■ 2714484

■ 10320244

■ 1927796

■ 11106932

■ 1206388

■ 11828340

■ 419700

■ 12615028

■ 26228

■ 13336180

# Harmonies

## Analogous

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



6582895



6517364



6648184

# Triad

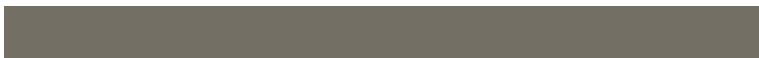
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6517364



7761268



7565157

# Complementary

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



6517364



7628131

# 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.



7892327



6517364



7957615

# Square

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



6517364



7368312



8023146



7237735

# Rectangle

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



6517364



6844537



8023146



7695973



# Sweetspot

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



6517364



9475734



6517861



4803661



13421772



5066061



# Same Dimension

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



6517364



8098710



6515316



3488315



27770



56826



# Inverse Universe

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



7627634



9862035



7630179



3880250



7995500



16384221



# Previews

## White Background



This preview shows how the Decimal color 6517364 looks on a white background.

## Color Contrast Check

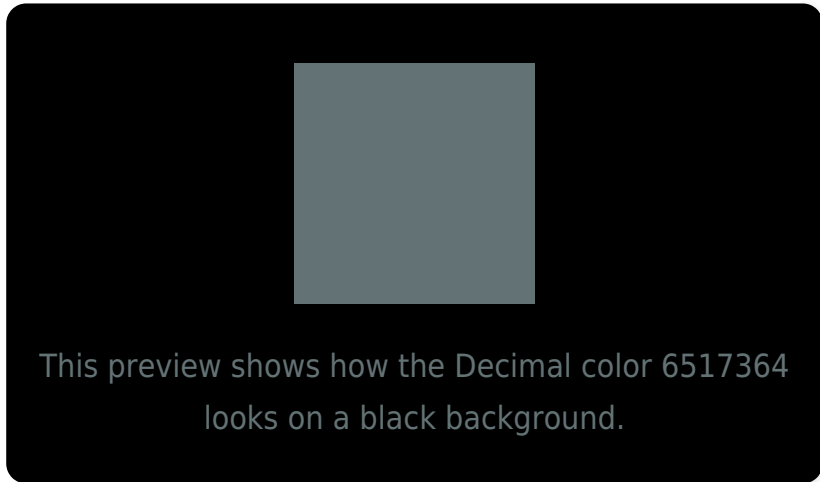
Large Text (above 18pt) WCAG AA ✓ Pass

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

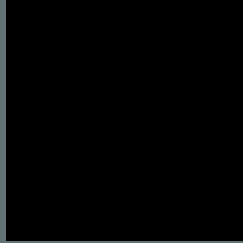
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

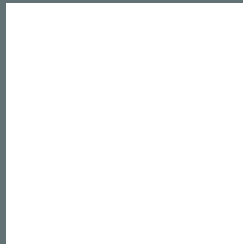
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Decimal 6517364 Background



This preview shows how black text looks on a background with the Decimal color 6517364.



This preview shows how white text looks on a background with the Decimal color 6517364.

# 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**

6517364

**Protanopia**

7368306

**Deuteranopia**

7826549



# Trichromacy



**Original Color**  
6517364

**Protanomaly**  
7040883

**Deuteranomaly**  
7368309

**Tritanomaly**  
6582648

# Monochromacy



**Original Color**  
6517364

**Achromatopsia**  
7237230

**Achromatomaly**  
6975344

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6517364 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 #637274 looks like.

```
.text, #text, p{  
    color:#637274  
}
```

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 #637274 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637274
}
```

## Border

The CSS property to change the border of an element to Decimal 6517364 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
#637274 }
```

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

```
.border{ border-color:#637274 }
```

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

Here you see how a box with a 4 pixel #637274 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637274; -webkit-box-shadow:4px 4px  
4px 4px #637274; box-shadow:4px 4px 4px  
4px #637274 }
```

# Background

The CSS property to change the background color of an element to Decimal 6517364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637274 }
```

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

```
.background{ background-color:#637274 }
```

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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