

# Converting Colors

Decimal(6515566)

Have a look what the booklet for  
Decimal(6515566) contains.

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# Color

**Decimal(6515566)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	636B6E
RGB	99, 107, 110
RGB Percent	39%, 42%, 43%
CMY	0.6118, 0.5804, 0.5686
CMYK	0.10, 0.03, 0.00, 0.57
HSL	196°, 5%, 41%
HSV	196°, 10%, 43%
XYZ	13.2178, 14.2938, 16.8142
YIQ	104.9500, -5.7310, -0.7630

# Conversions

## Conversions Part 2

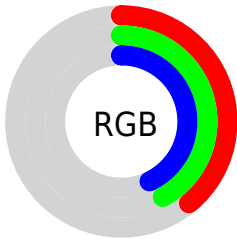
Format	Color
R <sub>Y</sub> B	99, 104, 110
Decimal	6515566
CIE Lab	44.65, -2.38, -2.73
CIE LCh	45, 3.623, 228.877
Yxy	14.2938, 0.2982, 0.3225
Android (android.graphics.Color)	4284705646 (0xFF636B6E)
YUV	104.9500, 2.4896, -5.2182
Hunter-Lab	37.8072, -3.7572, 0.0967

# Details

The Decimal color **6515566** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7235171**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **9871010**, and **3423295** is the 20% darker color. If you saturate the color by 10%, you get **5793902**, and if you desaturate by 10%, it is **7237230**.

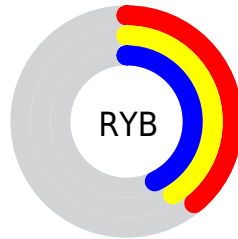
# Distribution



Red (39%)

Green (42%)

Blue (43%)



Red (39%)

Yellow (41%)

Blue (43%)

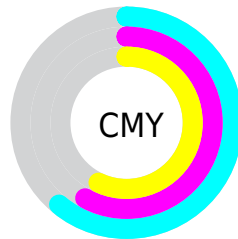


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (57%)



Cyan (61%)

Magenta (58%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6515566 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 6515566 by changing the saturation by 10% instead.





6515566



6515566

16777215



4936534



9871010



3423295



11581885



2041385



13424088



528660



15266293



0



6515566



6515566



5793902



7237230



5072238



7958894



4350574



8680558

■ 3628910

■ 9402222

■ 2907246

■ 10123886

■ 2185582

■ 10845550

■ 1463918

■ 11567214

■ 742254

■ 12288878

■ 20590

■ 13010542

# Harmonies

## Analogous

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



6450027



6515566



6646383

# Triad

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



6515566



7301227



6974052

# Complementary

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



6515566



7235171

# 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.



7170404



6515566



7366760

# Square

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



6515566



7170158



7366757



6777702

# Rectangle

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



6515566



6842991



7366757



7039588



# Sweetspot

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



6515566



9145999



6516326



4540231



13092807



4671303



# Same Dimension

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



6515566



8293007



6514286



3290936



22392



46327



# Inverse Universe

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



7234411



9404042



7236451



3682871



7864407



16187572



# Previews

## White Background



This preview shows how the Decimal color 6515566 looks on a white background.

## Color Contrast Check

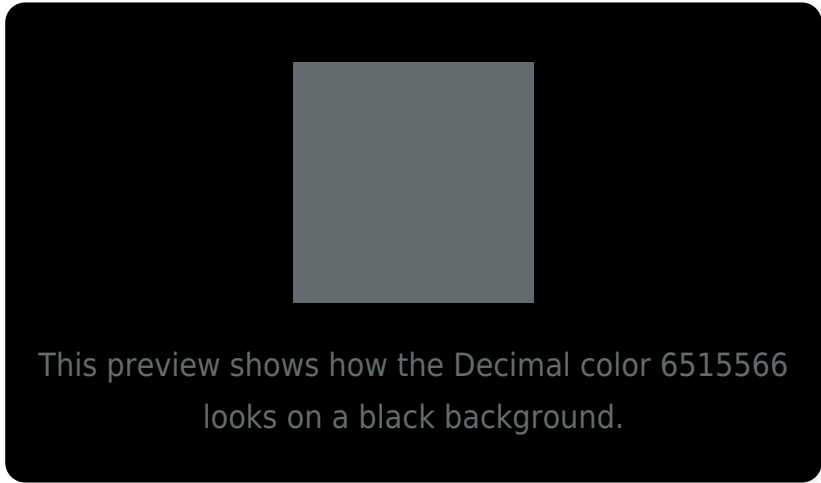
Large Text (above 18pt) WCAG AA ✓ Pass

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

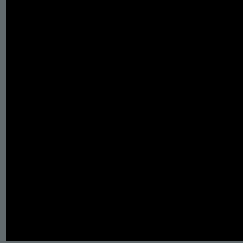
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

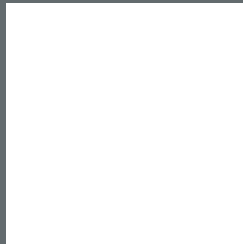
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6515566 Background



This preview shows how black text looks on a background with the Decimal color 6515566.



This preview shows how white text looks on a background with the Decimal color 6515566.

# 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**  
6515566

**Protanopia**  
6973805

**Deuteranopia**  
7431791



**Tritanopia**  
6580851

# Trichromacy



**Original Color**

6515566

**Protanomaly**

6777453

**Deuteranomaly**

7104623

**Tritanomaly**

6580849

# Monochromacy



**Original Color**

6515566

**Achromatopsia**

6908265

**Achromatomaly**

6777451

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6515566 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 #636B6E looks like.

```
.text, #text, p{  
  color:#636B6E  
}
```

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 #636B6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636B6E
}
```

## Border

The CSS property to change the border of an element to Decimal 6515566 is called "border". The border property can be set on classes, ids or directly on the HTML element.

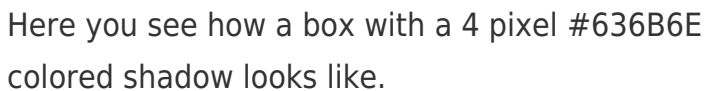
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#636B6E }
```

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

```
.border{ border-color:#636B6E }
```

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



Here you see how a box with a 4 pixel #636B6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636B6E; -webkit-box-shadow:4px 4px  
4px 4px #636B6E; box-shadow:4px 4px 4px  
4px #636B6E }
```

# Background

The CSS property to change the background color of an element to Decimal 6515566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636B6E }
```

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

```
.background{ background-color:#636B6E }
```

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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