

Converting Colors

Decimal(4677217)

Have a look what the booklet for
Decimal(4677217) contains.

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Color

Decimal(4677217)

Conversions

Conversions Part 1

Format	Color
Hex	475E61
RGB	71, 94, 97
RGB Percent	28%, 37%, 38%
CMY	0.7216, 0.6314, 0.6196
CMYK	0.27, 0.03, 0.00, 0.62
HSL	187°, 15%, 33%
HSV	187°, 27%, 38%
XYZ	8.7589, 10.2081, 12.8180
YIQ	87.4650, -14.6710, -3.9430

Conversions

Conversions Part 2

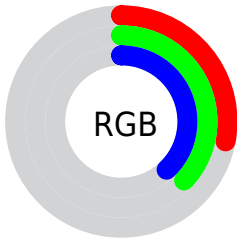
Format	Color
R_{YB}	71, 83, 97
Decimal	4677217
CIE Lab	38.21, -7.83, -4.55
CIE LCh	38, 9.060, 210.141
Yxy	10.2081, 0.2756, 0.3212
Android (android.graphics.Color)	4282867297 (0xFF475E61)
YUV	87.4650, 4.7008, -14.4398
Hunter-Lab	31.9501, -6.9780, -1.4214

Details

The Decimal color **4677217** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6376007**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **7901332**, and **1716275** is the 20% darker color. If you saturate the color by 10%, you get **4021601**, and if you desaturate by 10%, it is **5332833**.

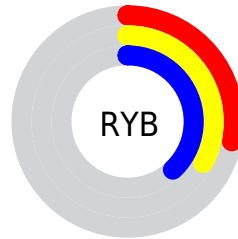
Distribution



Red (28%)

Green (37%)

Blue (38%)



Red (28%)

Yellow (33%)

Blue (38%)

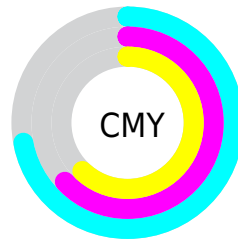


Cyan (27%)

Magenta (3%)

Yellow (0%)

Black (62%)



Cyan (72%)

Magenta (63%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4677217 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 4677217 by changing the saturation by 10% instead.



4677217



4677217

16777215



3163721



7901332



1716275



9612206



269086



11388617



4



13165286



0



15007743



4677217



4677217



4021601



5332833



3431521



5922913

■ 2775905

■ 6578529

■ 2120289

■ 7234145

■ 1529953

■ 7890017

■ 874337

■ 8480097

■ 218721

■ 9135713

■ 22113

■ 9791329

■ 10381409

Harmonies

Analogous

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



4808282



4677217



4873574

Triad

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



4677217



6575713



6314315

Complementary

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



4677217



6376007

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.



6707021



4677217



6903130

Square

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



4677217



5986407



6903123



5790797

Rectangle

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



4677217



5200744



6903123



6445388

Sweetspot

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



4677217



7568509



4677962



3751744



12566463



4210752

Same Dimension

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



4677217



5601405



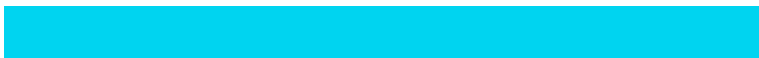
4673889



2895920



25456



54512

Inverse Universe

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



6375262



8213880



6379335



3157040



7340131



15728852

Previews

White Background



This preview shows how the Decimal color 4677217 looks on a white background.

Color Contrast Check

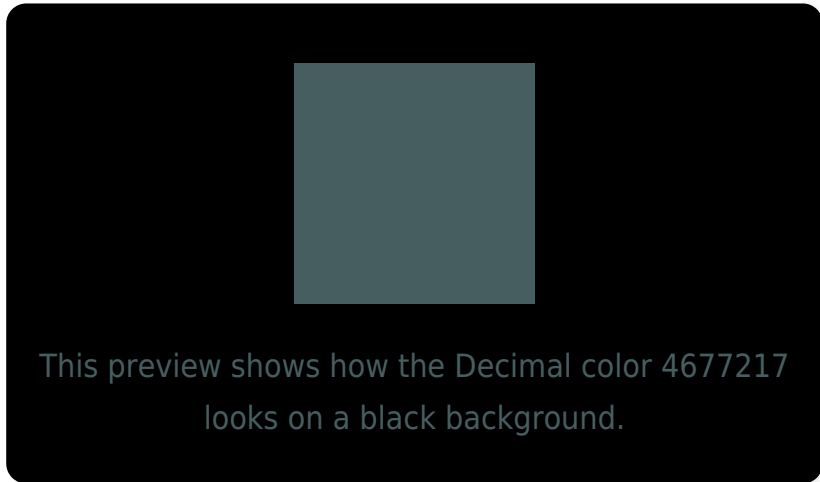
Large Text (above 18pt) WCAG AA ✓ Pass

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

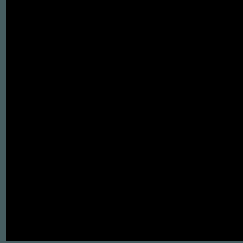
Any Text WCAG AA × Fail

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 4677217 Background



This preview shows how black text looks on a background with the Decimal color 4677217.



This preview shows how white text looks on a background with the Decimal color 4677217.

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

4677217

Protanopia

5921118

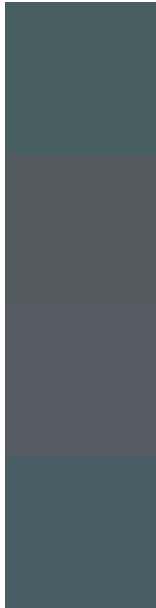
Deuteranopia

6182754



Tritanopia
4742501

Trichromacy



Original Color

4677217

Protanomaly

5462879

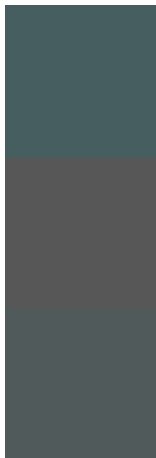
Deuteranomaly

5659234

Tritanomaly

4742500

Monochromacy



Original Color

4677217

Achromatopsia

5723991

Achromatomaly

5331547

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4677217 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 #475E61 looks like.

```
.text, #text, p{  
    color:#475E61  
}
```

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 #475E61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475E61
}
```

Border

The CSS property to change the border of an element to Decimal 4677217 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".

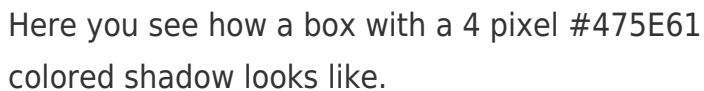
```
.border, #border, table{ border:4px solid
#475E61 }
```

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

```
.border{ border-color:#475E61 }
```

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

Here you see how a box with a 4 pixel #475E61 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475E61; -webkit-box-shadow:4px 4px  
4px 4px #475E61; box-shadow:4px 4px 4px  
4px #475E61 }
```

Background

The CSS property to change the background color of an element to Decimal 4677217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475E61 }
```

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

```
.background{ background-color:#475E61 }
```

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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