

Converting Colors

Decimal(4677456)

Have a look what the booklet for
Decimal(4677456) contains.

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Color

Decimal(4677456)

Conversions

Conversions Part 1

Format	Color
Hex	475F50
RGB	71, 95, 80
RGB Percent	28%, 37%, 31%
CMY	0.7216, 0.6275, 0.6863
CMYK	0.25, 0.00, 0.16, 0.63
HSL	142°, 14%, 33%
HSV	142°, 25%, 37%
XYZ	8.1387, 10.1032, 9.1106
YIQ	86.1140, -9.4890, -9.7530

Conversions

Conversions Part 2

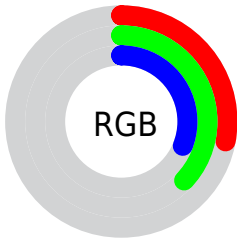
Format	Color
R_{YB}	71, 88, 95
Decimal	4677456
CIE Lab	38.03, -12.49, 5.67
CIE LCh	38, 13.721, 155.576
Yxy	10.1032, 0.2975, 0.3694
Android (android.graphics.Color)	4282867536 (0xFF475F50)
YUV	86.1140, -3.0142, -13.2550
Hunter-Lab	31.7855, -9.9196, 5.2558

Details

The Decimal color **4677456** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6244182**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **7901825**, and **1716516** is the 20% darker color. If you saturate the color by 10%, you get **4087626**, and if you desaturate by 10%, it is **5332822**.

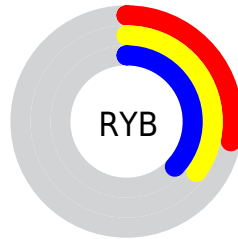
Distribution



Red (28%)

Green (37%)

Blue (31%)



Red (28%)

Yellow (35%)

Blue (37%)

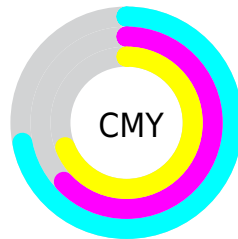


Cyan (25%)

Magenta (0%)

Yellow (16%)

Black (63%)



Cyan (72%)

Magenta (63%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4677456 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 4677456 by changing the saturation by 10% instead.



4677456



4677456

16777215



3163961



7901825



1716516



9612443



203790



11323318



0



13165778



15007726



4677456



4677456



4087626



5332822



3432260



5922652

■ 2842430

■ 6578018

■ 2187064

■ 7167848

■ 1531698

■ 7823214

■ 941868

■ 8413044

■ 286502

■ 9068410

■ 24356

■ 9658240

■ 10313605

Harmonies

Analogous

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



5463367



4677456



4022363

Triad

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



4677456



5200495



7361357

Complementary

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



4677456



6244182

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.



7361112



4677456



6182508

Square

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



4677456



4349293



6968163



6968902

Rectangle

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



4677456



3825763



6968163



7361104

Sweetspot

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



4677456



7436916



5660487



3620153



12434877



4013373

Same Dimension

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



4677456



5667427



4677468



2895917



28714



61530

Inverse Universe

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



6244182



8017517



6244170



3157039



7340102



15728790

Previews

White Background



This preview shows how the Decimal color 4677456 looks on a white background.

Color Contrast Check

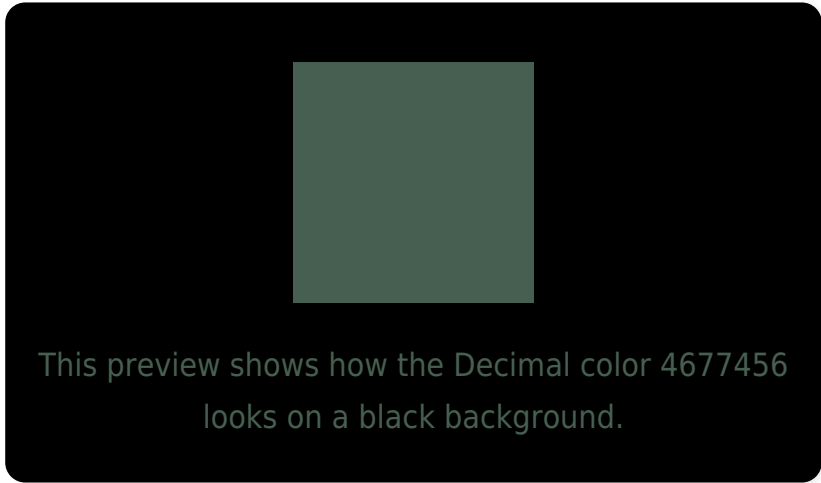
Large Text (above 18pt) WCAG AA ✓ Pass

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

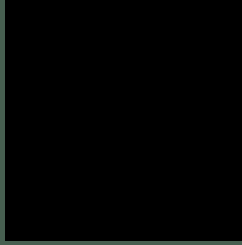
Any Text WCAG AA × Fail

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 4677456 Background



This preview shows how black text looks on a background with the Decimal color 4677456.

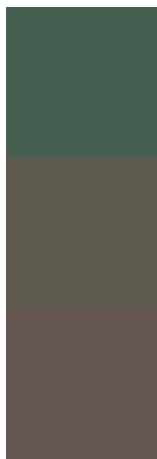


This preview shows how white text looks on a background with the Decimal color 4677456.

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

4677456

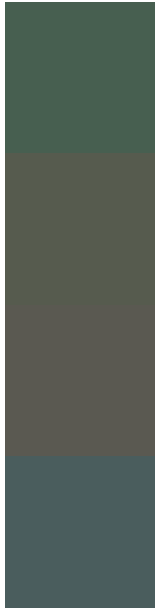
Protanopia

6183245

Deuteranopia

6641234

Trichromacy



Original Color

4677456

Protanomaly

5659470

Deuteranomaly

5921105

Tritanomaly

4873565

Monochromacy



Original Color

4677456

Achromatopsia

5658198

Achromatomaly

5331284

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4677456 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 #475F50 looks like.

```
.text, #text, p{  
  color:#475F50  
}
```

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 #475F50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475F50
}
```

Border

The CSS property to change the border of an element to Decimal 4677456 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".

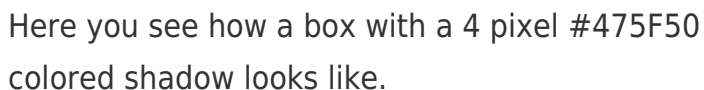
```
.border, #border, table{ border:4px solid
#475F50 }
```

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

```
.border{ border-color:#475F50 }
```

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

Here you see how a box with a 4 pixel #475F50 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475F50; -webkit-box-shadow:4px 4px  
4px 4px #475F50; box-shadow:4px 4px 4px  
4px #475F50 }
```

Background

The CSS property to change the background color of an element to Decimal 4677456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475F50 }
```

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

```
.background{ background-color:#475F50 }
```

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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