

Converting Colors

Decimal(4474725)

Have a look what the booklet for
Decimal(4474725) contains.

Decimal(4474725)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4474725)

Conversions

Conversions Part 1

Format	Color
Hex	444765
RGB	68, 71, 101
RGB Percent	27%, 28%, 40%
CMY	0.7333, 0.7216, 0.6039
CMYK	0.33, 0.30, 0.00, 0.60
HSL	235°, 20%, 33%
HSV	235°, 33%, 40%
XYZ	6.9861, 6.6750, 13.2321
YIQ	73.5230, -11.4180, 8.6940

Conversions

Conversions Part 2

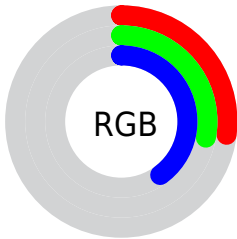
Format	Color
RYB	68, 71, 101
Decimal	4474725
CIELab	31.06, 6.62, -17.94
CIElCh	31, 19.118, 290.259
Yxy	6.6750, 0.2598, 0.2482
Android (android.graphics.Color)	4282664805 (0xFF444765)
YUV	73.5230, 13.5462, -4.8437
Hunter-Lab	25.8360, 3.0536, -12.2806

Details

The Decimal color **4474725** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6644292**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **7698328**, and **1514550** is the 20% darker color. If you saturate the color by 10%, you get **3817061**, and if you desaturate by 10%, it is **5132389**.

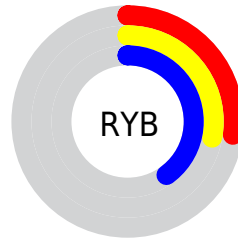
Distribution



Red (27%)

Green (28%)

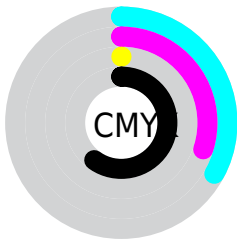
Blue (40%)



Red (27%)

Yellow (28%)

Blue (40%)

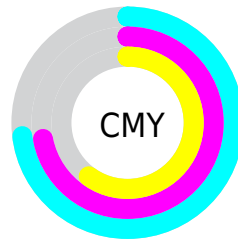


Cyan (33%)

Magenta (30%)

Yellow (0%)

Black (60%)



Cyan (73%)

Magenta (72%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4474725 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 4474725 by changing the saturation by 10% instead.

■ 4474725

■ 4474725

16777215

■ 2961741

■ 7698328

■ 1514550

■ 9408947

■ 33

■ 11185102

■ 6

■ 12961771

■ 0

■ 14803967

16711679

■ 4474725

■ 4474725

■ 3817061

■ 5132389

■ 3159397

■ 5790053

■ 2501477

■ 6447973

■ 1843813

■ 7105637

■ 1186149

■ 7828837

■ 462949

■ 8486501

■ 2405

■ 9144165

■ 9801829

■ 10459749

Harmonies

Analogous

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



2903142



4474725



5718620

Triad

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



4474725



6439219



2445636

Complementary

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



4474725



6644292

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.



3690294



4474725



5785132

Square

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



4474725



6766143



4803373



1397075

Rectangle

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



4474725



6307668



4803373



2904127

Sweetspot

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



4474725



7698050



4482402



3816258



12763842



4342338

Same Dimension

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



4474725



5198978



5325925



3026483



2675



5874

Inverse Universe

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



6636615



8539988



5793092



3354158



7536650



15859734

Previews

White Background



This preview shows how the Decimal color 4474725 looks on a white background.

Color Contrast Check

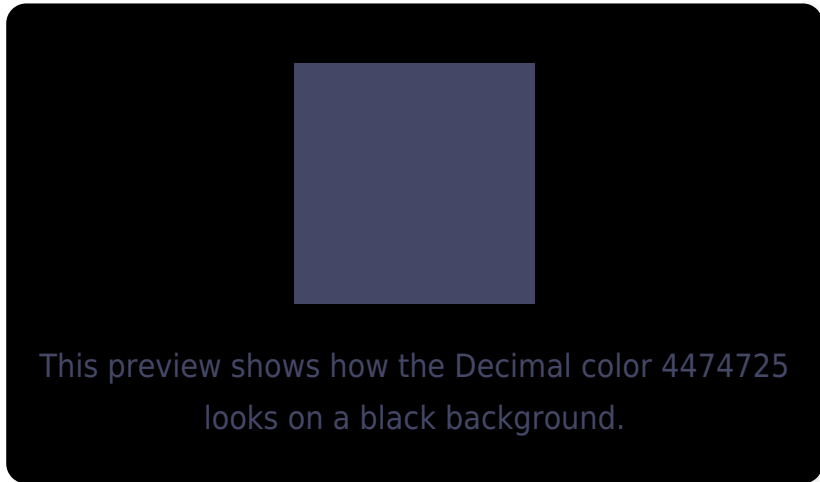
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

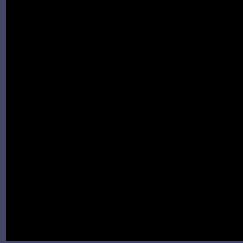
Any Text WCAG AA × Fail

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 4474725 Background



This preview shows how black text looks on a background with the Decimal color 4474725.

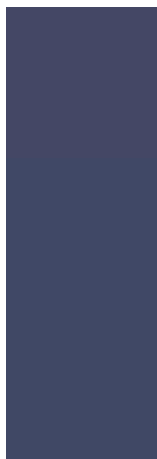


This preview shows how white text looks on a background with the Decimal color 4474725.

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

4474725

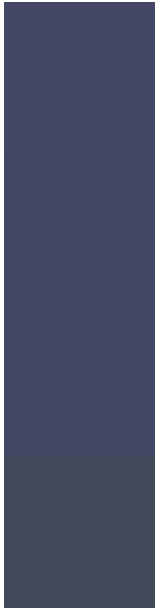
Protanopia

4212838

Deuteranopia

4212837

Trichromacy



Original Color

4474725

Protanomaly

4278374

Deuteranomaly

4278373

Tritanomaly

4278872

Monochromacy



Original Color

4474725

Achromatopsia

4868682

Achromatomaly

4737364

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4474725 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 #444765 looks like.

```
.text, #text, p{  
  color:#444765  
}
```

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 #444765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444765
}
```

Border

The CSS property to change the border of an element to Decimal 4474725 is called "border". The border property can be set on classes, ids or directly on the HTML element.

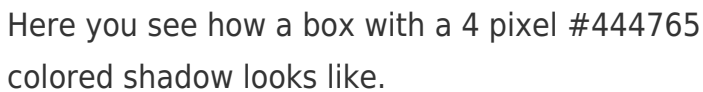
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#444765 }
```

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

```
.border{ border-color:#444765 }
```

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



Here you see how a box with a 4 pixel #444765 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444765; -webkit-box-shadow:4px 4px  
4px 4px #444765; box-shadow:4px 4px 4px  
4px #444765 }
```

Background

The CSS property to change the background color of an element to Decimal 4474725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444765 }
```

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

```
.background{ background-color:#444765 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor