

Converting Colors

Decimal(4474736)

Have a look what the booklet for
Decimal(4474736) contains.

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Color

Decimal(4474736)

Conversions

Conversions Part 1

Format	Color
Hex	444770
RGB	68, 71, 112
RGB Percent	27%, 28%, 44%
CMY	0.7333, 0.7216, 0.5608
CMYK	0.39, 0.37, 0.00, 0.56
HSL	236°, 24%, 35%
HSV	236°, 39%, 44%
XYZ	7.5618, 6.9053, 16.2635
YIQ	74.7770, -14.9490, 12.1150

Conversions

Conversions Part 2

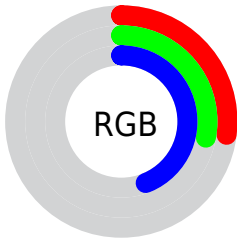
Format	Color
RYB	68, 71, 112
Decimal	4474736
CIELab	31.59, 9.92, -24.06
CIELCh	32, 26.027, 292.394
Yxy	6.9053, 0.2461, 0.2247
Android (android.graphics.Color)	4282664816 (0xFF444770)
YUV	74.7770, 18.3509, -5.9434
Hunter-Lab	26.2779, 5.3791, -18.3004

Details

The Decimal color **4474736** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7368004**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **7763876**, and **1317952** is the 20% darker color. If you saturate the color by 10%, you get **3751280**, and if you desaturate by 10%, it is **5198192**.

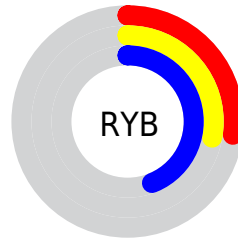
Distribution



Red (27%)

Green (28%)

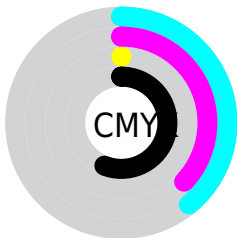
Blue (44%)



Red (27%)

Yellow (28%)

Blue (44%)

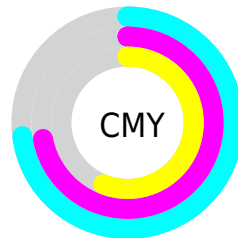


Cyan (39%)

Magenta (37%)

Yellow (0%)

Black (56%)



Cyan (73%)

Magenta (72%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4474736 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 4474736 by changing the saturation by 10% instead.

■ 4474736

■ 4474736

16777215

■ 2896215

■ 7763876

■ 1317952

■ 9474495

■ 298

■ 11250651

■ 276

■ 13092856

■ 0

■ 14935039

■ 4474736

■ 4474736

■ 3751280

■ 5198192

■ 3027568

■ 5921904

■ 2238576

■ 6710896

■ 1514864

■ 7434608

■ 791408

■ 8158064

■ 67696

■ 8881776

■ 2160

■ 9605232

■ 10394224

■ 11117936

Harmonies

Analogous

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



1789555



4474736



6242147

Triad

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



4474736



6963243



677188

Complementary

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



4474736



7368004

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.



3101233



4474736



5981985

Square

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



4474736



7420476



4738595



21849

Rectangle

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



4474736



6962007



4738595



1725501

Sweetspot

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



4474736



8421777



4485228



4210762



13224393



4868682

Same Dimension

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



4474736



5067409



5653616



3289912



2168



4599

Inverse Universe

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



7357511



9522514



6189124



3682867



7864328



16187409

Previews

White Background



This preview shows how the Decimal color 4474736 looks on a white background.

Color Contrast Check

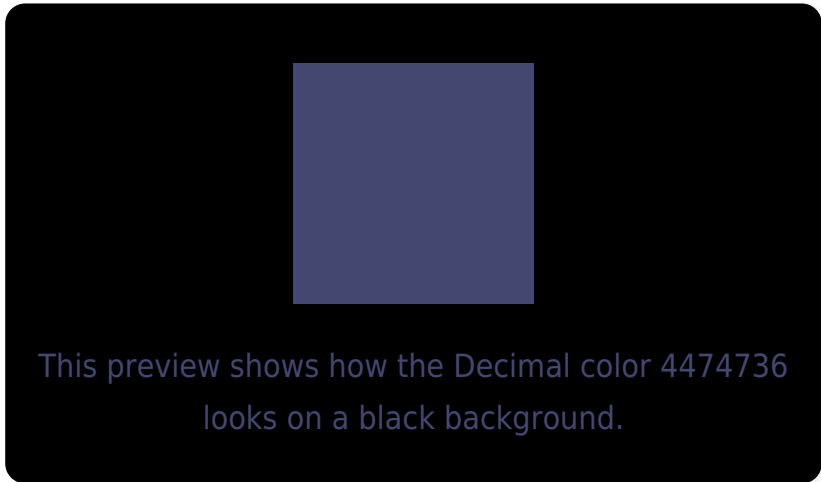
Large Text (above 18pt) WCAG AA ✓ Pass

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 4474736 Background



This preview shows how black text looks on a background with the Decimal color 4474736.

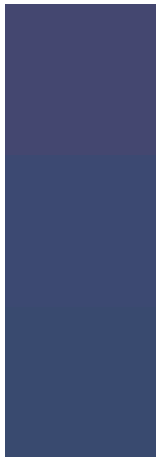


This preview shows how white text looks on a background with the Decimal color 4474736.

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](#).

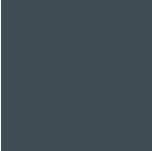
Dichromacy



Original Color
4474736

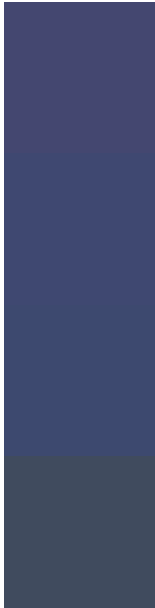
Protanopia
3950962

Deuteranopia
3754607



Tritanopia
4017491

Trichromacy



Original Color

4474736

Protanomaly

4147313

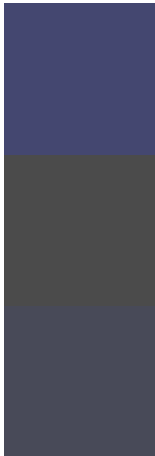
Deuteranomaly

4016495

Tritanomaly

4213598

Monochromacy



Original Color

4474736

Achromatopsia

4934475

Achromatomaly

4737624

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4474736 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 #444770 looks like.

```
.text, #text, p{  
  color:#444770  
}
```

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 #444770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444770
}
```

Border

The CSS property to change the border of an element to Decimal 4474736 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
#444770 }
```

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

```
.border{ border-color:#444770 }
```

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

Here you see how a box with a 4 pixel #444770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444770; -webkit-box-shadow:4px 4px  
4px 4px #444770; box-shadow:4px 4px 4px  
4px #444770 }
```

Background

The CSS property to change the background color of an element to Decimal 4474736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444770 }
```

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

```
.background{ background-color:#444770 }
```

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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