

Converting Colors

Decimal(4475240)

Have a look what the booklet for
Decimal(4475240) contains.

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Color

Decimal(4475240)

Conversions

Conversions Part 1

Format	Color
Hex	444968
RGB	68, 73, 104
RGB Percent	27%, 29%, 41%
CMY	0.7333, 0.7137, 0.5922
CMYK	0.35, 0.30, 0.00, 0.59
HSL	232°, 21%, 34%
HSV	232°, 35%, 41%
XYZ	7.2651, 6.9935, 14.0637
YIQ	75.0390, -12.9310, 8.5810

Conversions

Conversions Part 2

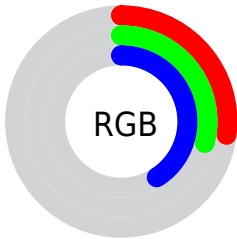
Format	Color
RYB	68, 72, 104
Decimal	4475240
CIELab	31.79, 6.20, -18.70
CIElCh	32, 19.698, 288.334
Yxy	6.9935, 0.2565, 0.2469
Android (android.graphics.Color)	4282665320 (0xFF444968)
YUV	75.0390, 14.2778, -6.1732
Hunter-Lab	26.4452, 2.7590, -13.0190

Details

The Decimal color **4475240** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6841156**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **7698843**, and **1449529** is the 20% darker color. If you saturate the color by 10%, you get **3817576**, and if you desaturate by 10%, it is **5132904**.

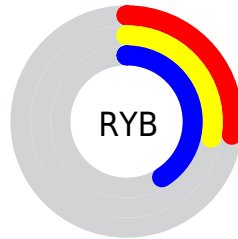
Distribution



Red (27%)

Green (29%)

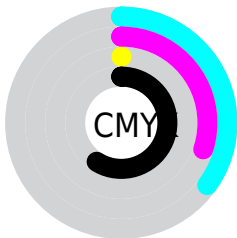
Blue (41%)



Red (27%)

Yellow (28%)

Blue (41%)

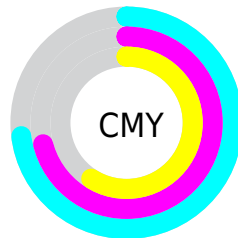


Cyan (35%)

Magenta (30%)

Yellow (0%)

Black (59%)



Cyan (73%)

Magenta (71%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4475240 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 4475240 by changing the saturation by 10% instead.

■ 4475240

■ 4475240

16777215

■ 2962256

■ 7698843

■ 1449529

■ 9409462

■ 1059

■ 11185874

■ 11

■ 12962286

■ 0

■ 14870015

16711679

■ 4475240

■ 4475240

■ 3817576

■ 5132904

■ 3094376

■ 5856104

■ 2436712

■ 6513768

■ 1713512

■ 7236968

■ 1055848

■ 7894632

■ 398184

■ 8552296

■ 3688

■ 9275496

■ 9933160

■ 10656360

Harmonies

Analogous

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



2838121



4475240



5784415

Triad

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



4475240



6636340



2577220

Complementary

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



4475240



6841156

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.



3821878



4475240



5982253

Square

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



4475240



6897474



5000493



1332052

Rectangle

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



4475240



6439255



5000493



2970175

Sweetspot

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



4475240



8027271



4483171



4013637



12895428



4539717

Same Dimension

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



4475240



5133959



5325928



3026739



4211



8946

Inverse Universe

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



6833225



8867414



5990468



3354159



7536656



15859746

Previews

White Background



This preview shows how the Decimal color 4475240 looks on a white background.

Color Contrast Check

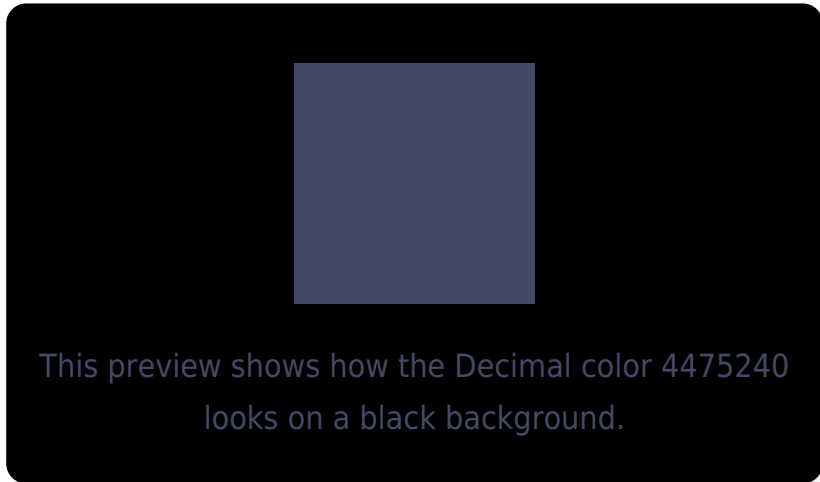
Large Text (above 18pt) WCAG AA ✓ Pass

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

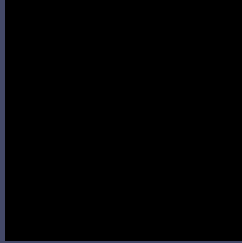
Any Text WCAG AA × Fail

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 4475240 Background



This preview shows how black text looks on a background with the Decimal color 4475240.

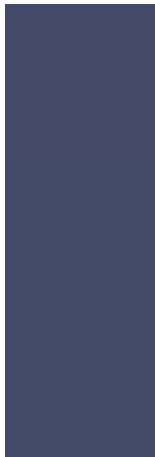


This preview shows how white text looks on a background with the Decimal color 4475240.

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](#).

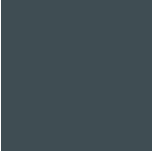
Dichromacy



Original Color
4475240

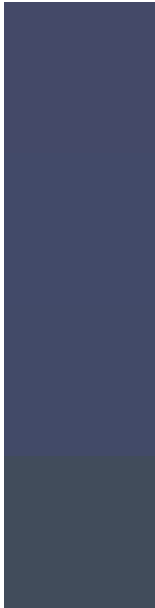
Protanopia
4278889

Deuteranopia
4278888



Tritanopia
4148563

Trichromacy



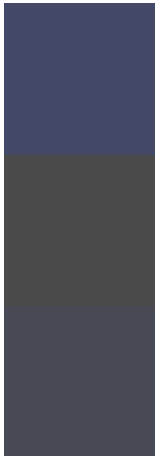
Original Color
4475240

Protanomaly
4344425

Deuteranomaly
4344424

Tritanomaly
4279387

Monochromacy



Original Color
4475240

Achromatopsia
4934475

Achromatomaly
4737622

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4475240 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 #444968 looks like.

```
.text, #text, p{  
    color:#444968  
}
```

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 #444968 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444968
}
```

Border

The CSS property to change the border of an element to Decimal 4475240 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
#444968 }
```

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

```
.border{ border-color:#444968 }
```

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

Here you see how a box with a 4 pixel #444968 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444968; -webkit-box-shadow:4px 4px  
4px 4px #444968; box-shadow:4px 4px 4px  
4px #444968 }
```

Background

The CSS property to change the background color of an element to Decimal 4475240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444968 }
```

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

```
.background{ background-color:#444968 }
```

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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