

Converting Colors

Decimal(4484240)

Have a look what the booklet for
Decimal(4484240) contains.

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Color

Decimal(4484240)

Conversions

Conversions Part 1

Format	Color
Hex	446C90
RGB	68, 108, 144
RGB Percent	27%, 42%, 56%
CMY	0.7333, 0.5765, 0.4353
CMYK	0.53, 0.25, 0.00, 0.44
HSL	208°, 36%, 42%
HSV	208°, 53%, 56%
XYZ	12.7805, 13.9677, 28.4080
YIQ	100.1440, -35.3960, 2.7160

Conversions

Conversions Part 2

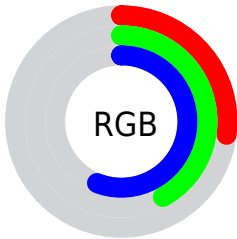
Format	Color
R_{YB}	68, 94, 144
Decimal	4484240
CIE _{Lab}	44.19, -3.27, -24.03
CIE _{LCh}	44, 24.249, 262.256
Yxy	13.9677, 0.2317, 0.2532
Android (android.graphics.Color)	4282674320 (0xFF446C90)
YUV	100.1440, 21.6210, -28.1903
Hunter-Lab	37.3734, -4.3621, -18.9058

Details

The Decimal color **4484240** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9463876**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **7970758**, and **408925** is the 20% darker color. If you saturate the color by 10%, you get **3564944**, and if you desaturate by 10%, it is **5403536**.

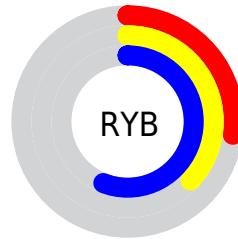
Distribution



Red (27%)

Green (42%)

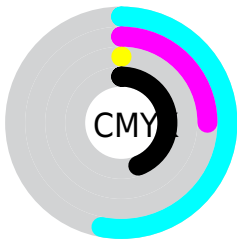
Blue (56%)



Red (27%)

Yellow (37%)

Blue (56%)

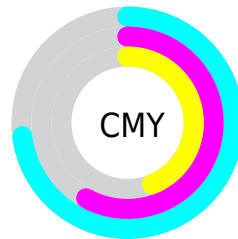


Cyan (53%)

Magenta (25%)

Yellow (0%)

Black (44%)



Cyan (73%)

Magenta (58%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4484240 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 4484240 by changing the saturation by 10% instead.



4484240



4484240

16777215



2708598



7970758



408925



9747170



10054



11589375



4911



13431551



282



15335423



0



4484240



4484240



3564944



5403536



2580112



6388368

■ 1661072

■ 7307408

■ 676240

■ 8292240

■ 19600

■ 9211536

■ 10130832

■ 11115664

■ 12034960

■ 13019536

Harmonies

Analogous

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



2519432



4484240



6579598

Triad

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



4484240



9460314



5271887

Complementary

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



4484240



9463876

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.



6777923



4484240



9068361

Square

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



4484240



9198191



8086849



3634018

Rectangle

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



4484240



7692422



8086849



5795658

Sweetspot

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



4484240



10267834



4493415



5002846



14606046



6184542

Same Dimension

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



4484240



4555706



4474768



4211783



18311



1032

Inverse Universe

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



9454700



12207491



9473348



4669508



8847431



524292

Previews

White Background



This preview shows how the Decimal color 4484240 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



This preview shows how the Decimal color 4484240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

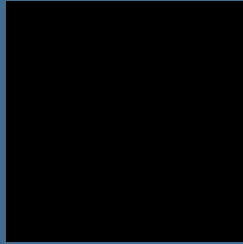
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

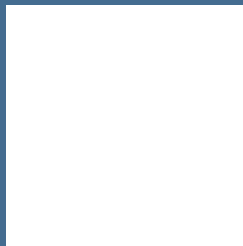
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 4484240 Background



This preview shows how black text looks on a background with the Decimal color 4484240.

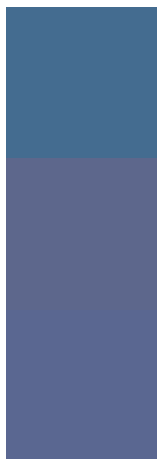


This preview shows how white text looks on a background with the Decimal color 4484240.

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

4484240

Protanopia

6121356

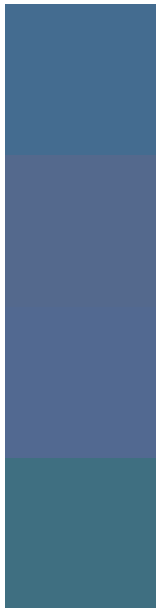
Deuteranopia

5924753



Tritanopia
3960953

Trichromacy



Original Color
4484240

Protanomaly
5532045

Deuteranomaly
5400977

Tritanomaly
4157313

Monochromacy



Original Color
4484240

Achromatopsia
6579300

Achromatomaly
5793652

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4484240 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 #446C90 looks like.

```
.text, #text, p{  
    color:#446C90  
}
```

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 #446C90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446C90
}
```

Border

The CSS property to change the border of an element to Decimal 4484240 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
#446C90 }
```

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

```
.border{ border-color:#446C90 }
```

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

Here you see how a box with a 4 pixel #446C90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446C90; -webkit-box-shadow:4px 4px  
4px 4px #446C90; box-shadow:4px 4px 4px  
4px #446C90 }
```

Background

The CSS property to change the background color of an element to Decimal 4484240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446C90 }
```

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

```
.background{ background-color:#446C90 }
```

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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