

Converting Colors

Decimal(4216174)

Have a look what the booklet for
Decimal(4216174) contains.

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Color

Decimal(4216174)

Conversions

Conversions Part 1

Format	Color
Hex	40556E
RGB	64, 85, 110
RGB Percent	25%, 33%, 43%
CMY	0.7490, 0.6667, 0.5686
CMYK	0.42, 0.23, 0.00, 0.57
HSL	213°, 26%, 34%
HSV	213°, 42%, 43%
XYZ	8.1773, 8.7128, 16.0026
YIQ	81.5710, -20.5410, 3.3230

Conversions

Conversions Part 2

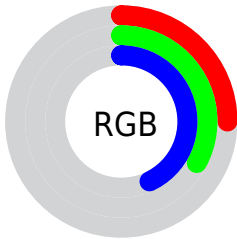
Format	Color
RYB	64, 78, 110
Decimal	4216174
CIELab	35.43, -0.93, -16.88
CIELCh	35, 16.907, 266.843
Yxy	8.7128, 0.2486, 0.2649
Android (android.graphics.Color)	4282406254 (0xFF40556E)
YUV	81.5710, 14.0155, -15.4098
Hunter-Lab	29.5174, -2.2049, -11.4813




Details

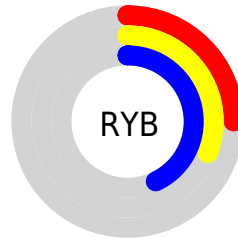
The Decimal color **4216174** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7231808**, and the grayscale version is **5329233**.




A 20% lighter version of the original color is **7505826**, and **1058878** is the 20% darker color. If you saturate the color by 10%, you get **3493742**, and if you desaturate by 10%, it is **4938606**.

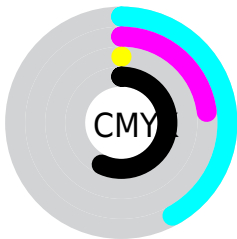
Distribution







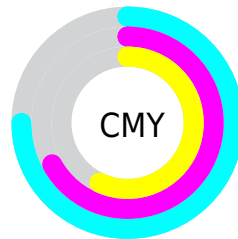
-  Red (25%)
-  Green (33%)
-  Blue (43%)






-  Red (25%)
-  Yellow (31%)
-  Blue (43%)



-  Cyan (42%)
-  Magenta (23%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (75%)
-  Magenta (67%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4216174 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 4216174 by changing the saturation by 10% instead.



4216174



4216174

16777215



2637398



7505826



1058878



9216445



5160



10992857



275



12769269



0



14611711



16515071



4216174



4216174



3493742



4938606

■ 2771310

■ 5661038

■ 2048878

■ 6383470

■ 1326446

■ 7105902

■ 604014

■ 7828334

■ 12910

■ 8550766

■ 9273198

■ 9995630

■ 10718062

Harmonies

Analogous

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



3103081



4216174



5460075

Triad

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



4216174



7227976



4282692

Complementary

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



4216174



7231808

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.



5264955



4216174



6901053

Square

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



4216174



7162197



6181432



3300177

Rectangle

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



4216174



6245734



6181432



4610112

Sweetspot

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



4216174



8160655



4222553



3948871



13092807



4671303

Same Dimension

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



4216174



4679823



4341870



3290424



14200



29175

Inverse Universe

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



7225429



9389928



7106112



3682869



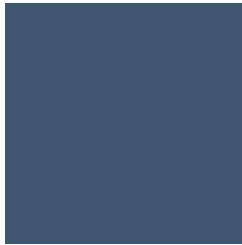
7864375



16187505

Previews

White Background



This preview shows how the Decimal color 4216174 looks on a white background.

Color Contrast Check

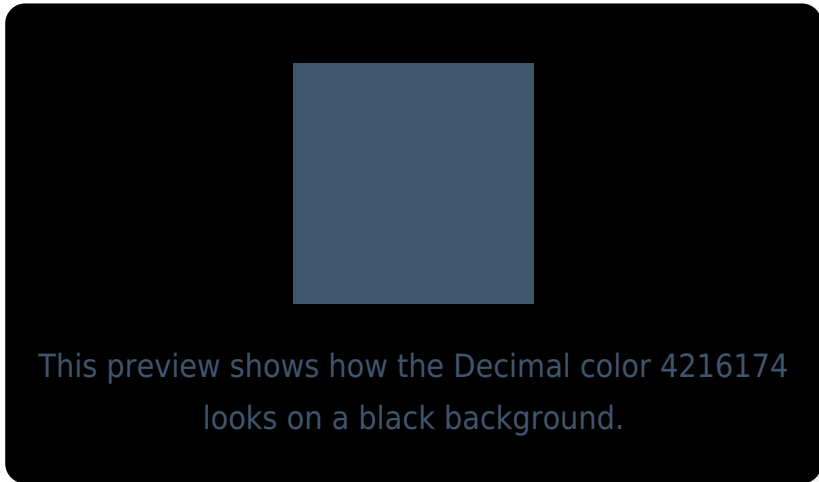
Large Text (above 18pt) WCAG AA ✓ Pass

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

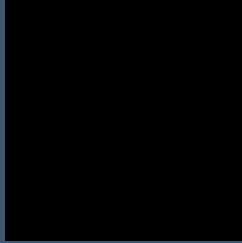
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

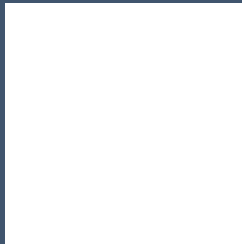
Any Text WCAG AAA × Fail

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

Decimal 4216174 Background



This preview shows how black text looks on a background with the Decimal color 4216174.

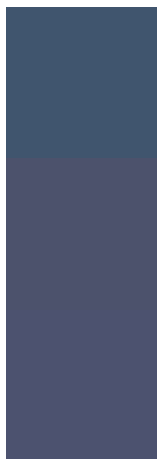


This preview shows how white text looks on a background with the Decimal color 4216174.

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

4216174

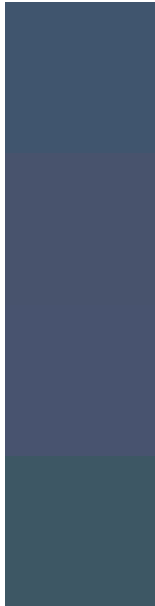
Protanopia

5001836

Deuteranopia

5001839

Trichromacy



Original Color
4216174

Protanomaly
4739949

Deuteranomaly
4739951

Tritanomaly
4020068

Monochromacy



Original Color
4216174

Achromatopsia
5395026

Achromatomaly
4936540

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4216174 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 #40556E looks like.

```
.text, #text, p{  
    color:#40556E  
}
```

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 #40556E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40556E
}
```

Border

The CSS property to change the border of an element to Decimal 4216174 is called "border". The border property can be set on classes, ids or directly on the HTML element.

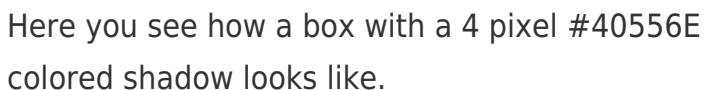
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40556E }
```

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

```
.border{ border-color:#40556E }
```

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



Here you see how a box with a 4 pixel #40556E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40556E; -webkit-box-shadow:4px 4px  
4px 4px #40556E; box-shadow:4px 4px 4px  
4px #40556E }
```

Background

The CSS property to change the background color of an element to Decimal 4216174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40556E }
```

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

```
.background{ background-color:#40556E }
```

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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