

Converting Colors

Hex(416350)

Have a look what the booklet for
Hex(416350) contains.

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Color

Hex(416350)

Conversions

Conversions Part 1

Format	Color
Hex	416350
RGB	65, 99, 80
RGB Percent	25%, 39%, 31%
CMY	0.7451, 0.6118, 0.6863
CMYK	0.34, 0.00, 0.19, 0.61
HSL	146°, 21%, 32%
HSV	146°, 34%, 39%
XYZ	8.0898, 10.6267, 9.2142
YIQ	86.6680, -14.1650, -13.1170

Conversions

Conversions Part 2

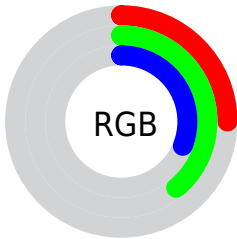
Format	Color
RYB	65, 89, 99
Decimal	4285264
CIELab	38.94, -16.89, 6.92
CIELCh	39, 18.255, 157.707
Yxy	10.6267, 0.2896, 0.3805
Android (android.graphics.Color)	4282475344 (0xFF416350)
YUV	86.6680, -3.2873, -19.0028
Hunter-Lab	32.5986, -12.7504, 6.0603

Details

The Hex color **416350** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **634154**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **729681**, and **133424** is the 20% darker color. If you saturate the color by 10%, you get **37634A**, and if you desaturate by 10%, it is **4B6356**.

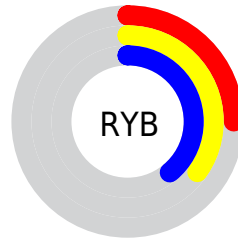
Distribution



Red (25%)

Green (39%)

Blue (31%)



Red (25%)

Yellow (35%)

Blue (39%)

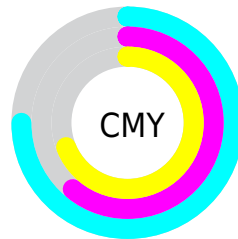


Cyan (34%)

Magenta (0%)

Yellow (19%)

Black (61%)



Cyan (75%)

Magenta (61%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416350 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 Hex color 416350 by changing the saturation by 10% instead.

■ 416350

■ 416350

FFFFFF

■ 2A4B39

■ 729681

■ 133424

■ 8CB19B

■ 001F0E

■ A7CCB6

■ 000000

■ C2E8D2

■ DEFFEE

■ FBFFFF

■ 416350

■ 416350

■ 37634A

■ 4B6356

■ 2D6345

■ 55635B

■ 23633F

■ 5F6361

■ 19633A

■ 696366

■ 0F6334

■ 73636C

■ 06632F

■ 7C6371

■ 00632C

■ 866377

■ 90637C

■ 9A6382

Harmonies

Analogous

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



526044



416350



32645F

Triad

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



416350



4E5C79



78534A

Complementary

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



416350



634154

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.



795158



416350



635773

Square

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



416350



3A6077



725267



705741

Rectangle

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



416350



2E6469



725267



79524F

Sweetspot

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



416350



738078



546341



38403B



BFBFBF



404040

Same Dimension

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



416350



4B8062



416361



2C302E



007032



00F06A

Inverse Universe

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



634154



804B68



634143



302C2E



70003F



F00086

Previews

White Background



This preview shows how the Hex color 416350 looks on a white background.

Color Contrast Check

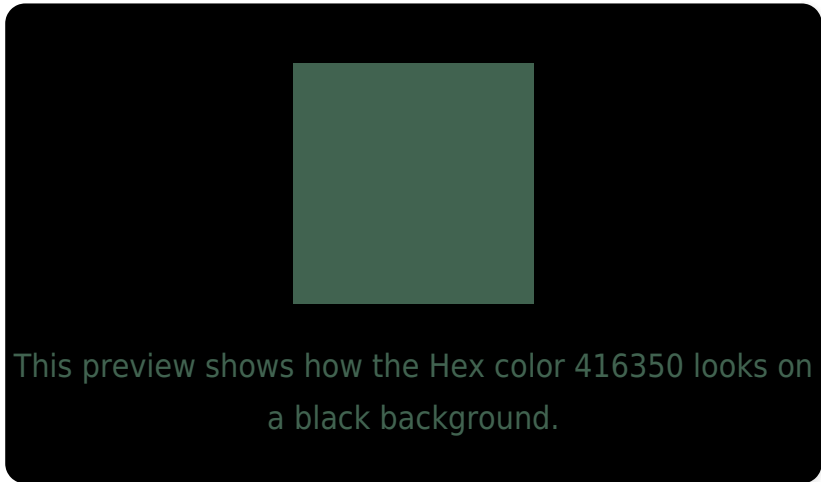
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

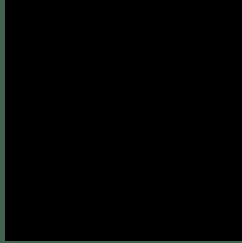
Any Text WCAG AA × Fail

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](#).

Hex 416350 Background



This preview shows how black text looks on a background with the Hex color 416350.



This preview shows how white text looks on a background with the Hex color 416350.

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
416350

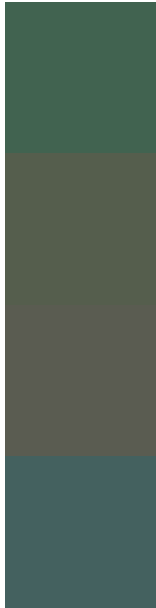
Protanopia
605B4C

Deuteranopia
685852



Tritanopia
466067

Trichromacy



Original Color
416350

Protanomaly
555E4D

Deuteranomaly
5A5C51

Tritanomaly
44615F

Monochromacy



Original Color
416350

Achromatopsia
575757

Achromatomaly
4F5B54

CSS Examples

Text

The CSS property to change the color of the text to Hex 416350 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 #416350 looks like.

```
.text, #text, p{  
    color:#416350  
}
```

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 #416350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416350  
}
```

Border

The CSS property to change the border of an element to Hex 416350 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".

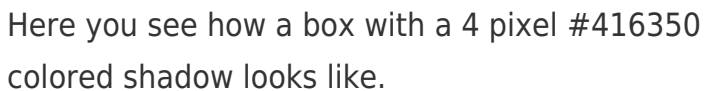
```
.border, #border, table{ border:4px solid  
#416350 }
```

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

```
.border{ border-color:#416350 }
```

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

Here you see how a box with a 4 pixel #416350 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416350; -webkit-box-shadow:4px 4px  
4px 4px #416350; box-shadow:4px 4px 4px  
4px #416350 }
```

Background

The CSS property to change the background color of an element to Hex 416350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416350 }
```

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

```
.background{ background-color:#416350 }
```

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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