

Converting Colors

Hex(417361)

Have a look what the booklet for
Hex(417361) contains.

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Color

Hex(417361)

Conversions

Conversions Part 1

Format	Color
Hex	417361
RGB	65, 115, 97
RGB Percent	25%, 45%, 38%
CMY	0.7451, 0.5490, 0.6196
CMYK	0.43, 0.00, 0.16, 0.55
HSL	158°, 28%, 35%
HSV	158°, 43%, 45%
XYZ	10.4684, 14.2484, 13.5077
YIQ	97.9980, -24.0220, -16.1980

Conversions

Conversions Part 2

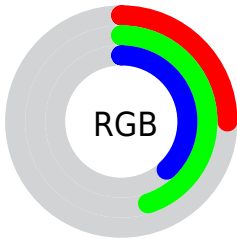
Format	Color
R_{YB}	65, 95, 115
Decimal	4289377
CIE _{Lab}	44.59, -21.48, 4.71
CIE _{LCh}	45, 21.990, 167.626
Yxy	14.2484, 0.2739, 0.3728
Android (android.graphics.Color)	4282479457 (0xFF417361)
YUV	97.9980, -0.4920, -28.9392
Hunter-Lab	37.7470, -16.5538, 5.2060

Details

The Hex color **417361** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **734153**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **74A794**, and **0E4233** is the 20% darker color. If you saturate the color by 10%, you get **36735D**, and if you desaturate by 10%, it is **4D7365**.

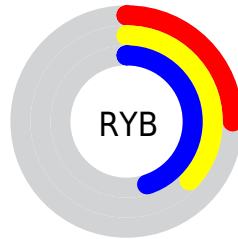
Distribution



Red (25%)

Green (45%)

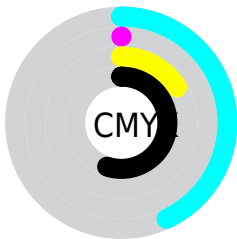
Blue (38%)



Red (25%)

Yellow (37%)

Blue (45%)

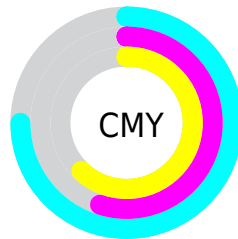


Cyan (43%)

Magenta (0%)

Yellow (16%)

Black (55%)



Cyan (75%)

Magenta (55%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 417361 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 417361 by changing the saturation by 10% instead.



417361



417361

FFFFFF



285A49



74A794



0E4233



8EC3AE



002C1E



A9DFCA



001904



C5FBE6



000000



E1FFFF

FEFFFF



417361



417361



36735D



4D7365

■ 2A7359

■ 587369

■ 1F7355

■ 64736D

■ 137350

■ 6F7372

■ 07734C

■ 7B7376

■ 00734A

■ 86737A

■ 92737E

■ 9D7382

■ A97386

Harmonies

Analogous

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



567050



417361



307374

Triad

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



417361



61678C



8A604F

Complementary

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



417361



734153

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.



8E5C5F



417361



796182

Square

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



417361



466D8D



895D72



7D6646

Rectangle

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



417361



2D727F



895D72



8C5E54

Sweetspot

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



417361



83968F



537341



404D48



CCCCCC



4D4D4D

Same Dimension

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



417361



48967A



416C73



353B39



007A4E



00FAA0

Inverse Universe

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



734153



964864



734841



3B3537



7A002C



FA005A

Previews

White Background



This preview shows how the Hex color 417361 looks on a white background.

Color Contrast Check

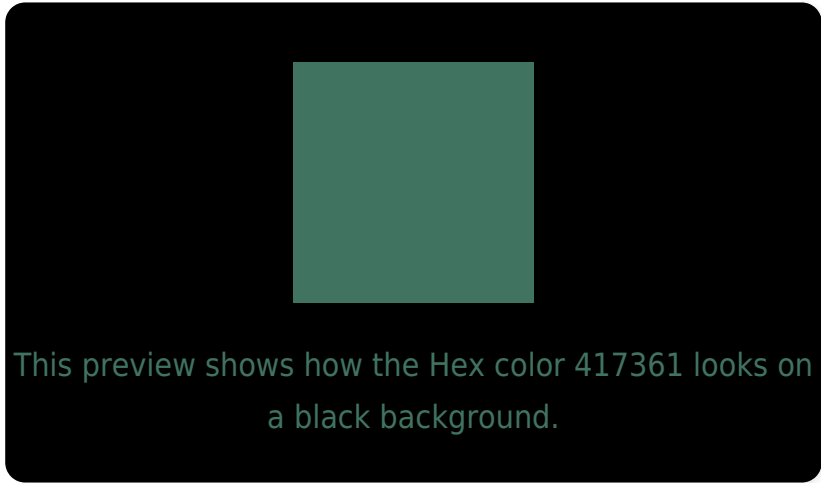
Large Text (above 18pt) WCAG AA ✓ Pass

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

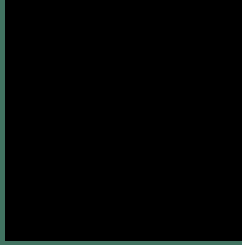
Any Text WCAG AA × Fail

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 417361 Background



This preview shows how black text looks on a background with the Hex color 417361.

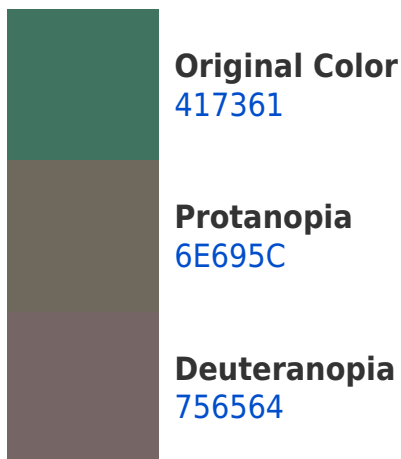


This preview shows how white text looks on a background with the Hex color 417361.

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](#).

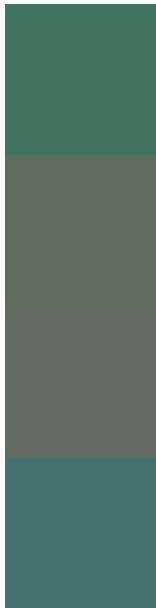
Dichromacy





Tritanopia
477079

Trichromacy



Original Color
417361

Protanomaly
5E6D5E

Deuteranomaly
626A63

Tritanomaly
457170

Monochromacy



Original Color
417361

Achromatopsia
626262

Achromatomaly
566862

CSS Examples

Text

The CSS property to change the color of the text to Hex 417361 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 #417361 looks like.

```
.text, #text, p{  
    color:#417361  
}
```

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 #417361 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #417361
}
```

Border

The CSS property to change the border of an element to Hex 417361 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
#417361 }
```

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

```
.border{ border-color:#417361 }
```

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

Here you see how a box with a 4 pixel #417361 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #417361; -webkit-box-shadow:4px 4px  
4px 4px #417361; box-shadow:4px 4px 4px  
4px #417361 }
```

Background

The CSS property to change the background color of an element to Hex 417361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#417361 }
```

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

```
.background{ background-color:#417361 }
```

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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