

Converting Colors

Hex(406132)

Have a look what the booklet for
Hex(406132) contains.

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Color

Hex(406132)

Conversions

Conversions Part 1

Format	Color
Hex	406132
RGB	64, 97, 50
RGB Percent	25%, 38%, 20%
CMY	0.7490, 0.6196, 0.8039
CMYK	0.34, 0.00, 0.48, 0.62
HSL	102°, 32%, 29%
HSV	102°, 48%, 38%
XYZ	6.9648, 9.8697, 4.5556
YIQ	81.7750, -4.5810, -21.6130

Conversions

Conversions Part 2

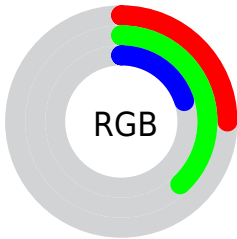
Format	Color
RYB	50, 97, 83
Decimal	4219186
CIELab	37.61, -21.84, 23.00
CIElCh	38, 31.711, 133.519
Yxy	9.8697, 0.3256, 0.4614
Android (android.graphics.Color)	4282409266 (0xFF406132)
YUV	81.7750, -15.6651, -15.5887
Hunter-Lab	31.4160, -15.4055, 13.3937

Details

The Hex color **406132** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **533261**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **719461**, and **123204** is the 20% darker color. If you saturate the color by 10%, you get **396128**, and if you desaturate by 10%, it is **47613C**.

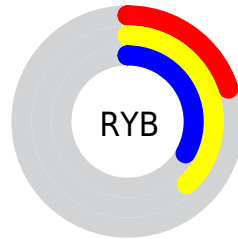
Distribution



Red (25%)

Green (38%)

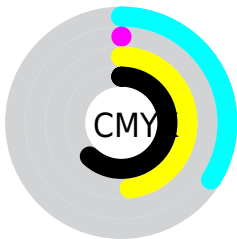
Blue (20%)



Red (20%)

Yellow (38%)

Blue (33%)

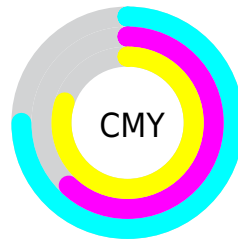


Cyan (34%)

Magenta (0%)

Yellow (48%)

Black (62%)



Cyan (75%)

Magenta (62%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 406132 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 406132 by changing the saturation by 10% instead.

 406132

 406132

FFFFFF

 28491C

 719461

 123204

 8BAF7A

 001E00

 A6CA94

 000000

 C2E6AF

 DEFFCB

 FBF FE7

 406132

 406132

 396128

 47613C

■ 32611F

■ 4E6145

■ 2C6115

■ 54614F

■ 25610B

■ 5B6159

■ 1E6102

■ 626162

■ 1D6100

■ 69616C

■ 706176

■ 766180

■ 7D6189

Harmonies

Analogous

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



5C5B25



406132



166549

Triad

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



406132



005F89



89434E

Complementary

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



406132



533261

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.



814568



406132



43578A

Square

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



406132



00647B



694D7E



834936

Rectangle

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



406132



00655B



694D7E



884356

Sweetspot

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



406132



707D6A



615332



384034



BFBFBF



404040

Same Dimension

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



406132



4A7D34



32613B



2D302C



217000



47F000

Inverse Universe

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



533261



67347D



613258



2F2C30



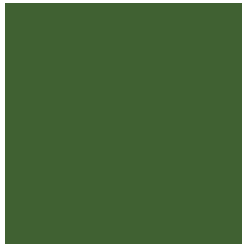
4F0070



A800F0

Previews

White Background



This preview shows how the Hex color 406132 looks on a white background.

Color Contrast Check

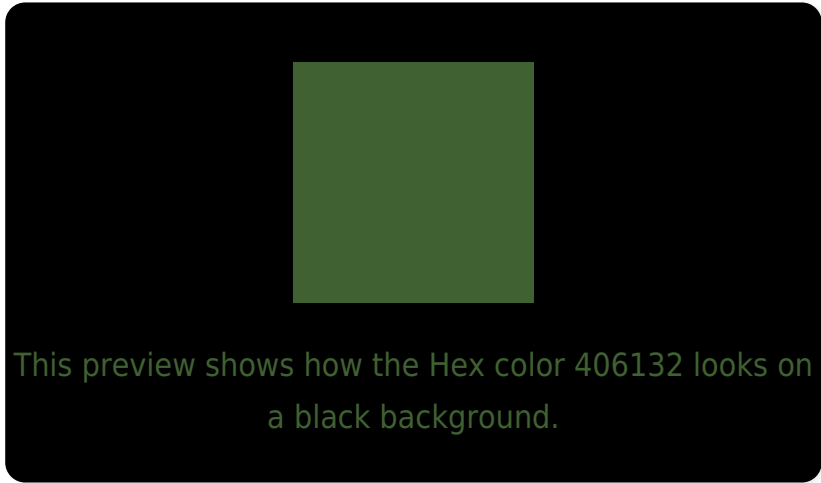
Large Text (above 18pt) WCAG AA ✓ Pass

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

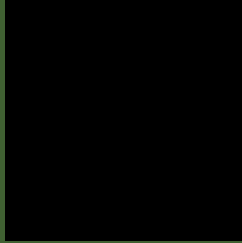
Any Text WCAG AA × Fail

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](#).

Hex 406132 Background



This preview shows how black text looks on a background with the Hex color 406132.



This preview shows how white text looks on a background with the Hex color 406132.

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](#).

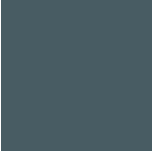
Dichromacy



Original Color
406132

Protanopia
61582F

Deuteranopia
6B5435



Tritanopia
485C63

Trichromacy



Original Color
406132

Protanomaly
555B30

Deuteranomaly
5B5934

Tritanomaly
455E51

Monochromacy



Original Color
406132

Achromatopsia
525252

Achromatomaly
4B5746

CSS Examples

Text

The CSS property to change the color of the text to Hex 406132 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 #406132 looks like.

```
.text, #text, p{  
    color:#406132  
}
```

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 #406132 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406132
}
```

Border

The CSS property to change the border of an element to Hex 406132 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
#406132 }
```

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

```
.border{ border-color:#406132 }
```

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

Here you see how a box with a 4 pixel #406132 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406132; -webkit-box-shadow:4px 4px  
4px 4px #406132; box-shadow:4px 4px 4px  
4px #406132 }
```

Background

The CSS property to change the background color of an element to Hex 406132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406132 }
```

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

```
.background{ background-color:#406132 }
```

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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