

Converting Colors

Hex(406629)

Have a look what the booklet for
Hex(406629) contains.

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Color

Hex(406629)

Conversions

Conversions Part 1

Format	Color
Hex	406629
RGB	64, 102, 41
RGB Percent	25%, 40%, 16%
CMY	0.7490, 0.6000, 0.8392
CMYK	0.37, 0.00, 0.60, 0.60
HSL	97°, 43%, 28%
HSV	97°, 60%, 40%
XYZ	7.2660, 10.7528, 3.7904
YIQ	83.6840, -3.0670, -27.0270

Conversions

Conversions Part 2

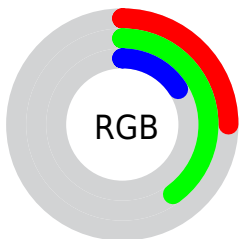
Format	Color
RYB	41, 102, 79
Decimal	4220457
CIELab	39.16, -25.56, 29.80
CIELCh	39, 39.260, 130.617
Yxy	10.7528, 0.3332, 0.4930
Android (android.graphics.Color)	4282410537 (0xFF406629)
YUV	83.6840, -21.0432, -17.2629
Hunter-Lab	32.7915, -17.8330, 16.1007

Details

The Hex color **406629** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4F2966**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **729958**, and **103700** is the 20% darker color. If you saturate the color by 10%, you get **3A661F**, and if you desaturate by 10%, it is **466633**.

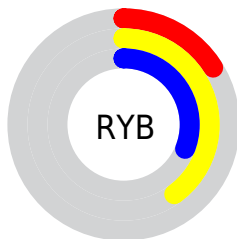
Distribution



Red (25%)

Green (40%)

Blue (16%)



Red (16%)

Yellow (40%)

Blue (31%)

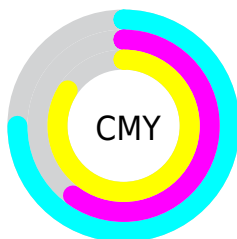


Cyan (37%)

Magenta (0%)

Yellow (60%)

Black (60%)



Cyan (75%)

Magenta (60%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 406629 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 406629 by changing the saturation by 10% instead.



406629



406629

FFFFFF



284E12



729958



103700



8DB472



002200



A8D08B



000000



C3ECA6



DFFFC1



FCFFDE



FFFFFFA



406629



406629

■ 3A661F

■ 466633

■ 336615

■ 4D663D

■ 2D660A

■ 536648

■ 276600

■ 596652

■ 266600

■ 60665C

■ 666666

■ 6C6670

■ 73667B

■ 796685

Harmonies

Analogous

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



635E18



406629



006A46

Triad

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



406629



006598



973F52

Complementary

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



406629



4F2966

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.



8C4372



406629



345C9B

Square

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



406629



006A85



6D4F8D



914734

Rectangle

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



406629



006C5C



6D4F8D



953F5D

Sweetspot

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



406629



76856D



664F29



394234



C2C2C2



424242

Same Dimension

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



406629



498525



296630



30332E



2B7300



5BF200

Inverse Universe

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



4F2966



612585



66295F



312E33



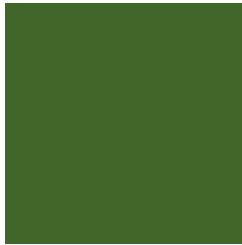
470073



9700F2

Previews

White Background



This preview shows how the Hex color 406629 looks on a white background.

Color Contrast Check

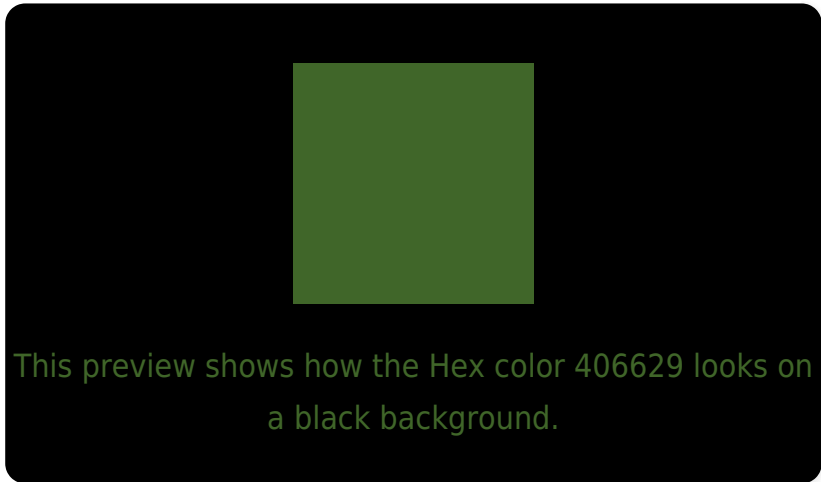
Large Text (above 18pt) WCAG AA ✓ Pass

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 406629 Background



This preview shows how black text looks on a background with the Hex color 406629.



This preview shows how white text looks on a background with the Hex color 406629.

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
406629

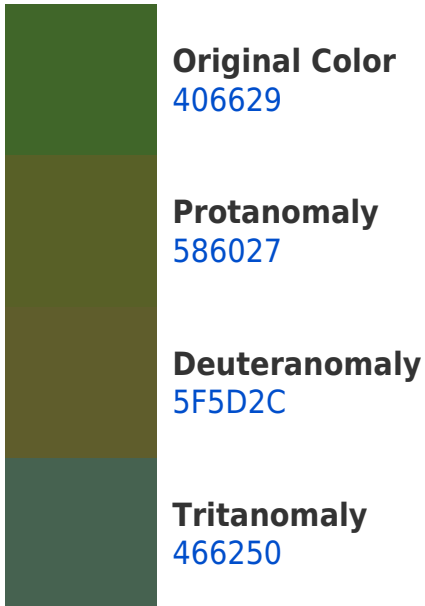
Protanopia
665C26

Deuteranopia
71582D



Tritanopia
4A6067

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 406629 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 #406629 looks like.

```
.text, #text, p{  
    color:#406629  
}
```

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 #406629 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406629
}
```

Border

The CSS property to change the border of an element to Hex 406629 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
#406629 }
```

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

```
.border{ border-color:#406629 }
```

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

Here you see how a box with a 4 pixel #406629 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406629; -webkit-box-shadow:4px 4px  
4px 4px #406629; box-shadow:4px 4px 4px  
4px #406629 }
```

Background

The CSS property to change the background color of an element to Hex 406629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406629 }
```

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

```
.background{ background-color:#406629 }
```

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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