

Converting Colors

Hex(046629)

Have a look what the booklet for
Hex(046629) contains.

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Color

Hex(046629)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 046629 |
| RGB | 4, 102, 41 |
| RGB Percent | 2%, 40%, 16% |
| CMY | 0.9843, 0.6000, 0.8392 |
| CMYK | 0.96, 0.00, 0.60, 0.60 |
| HSL | 143°, 92%, 21% |
| HSV | 143°, 96%, 40% |
| XYZ | 5.2017, 9.6886, 3.6938 |
| YIQ | 65.7440, -38.8270, -39.7470 |

Conversions

Conversions Part 2

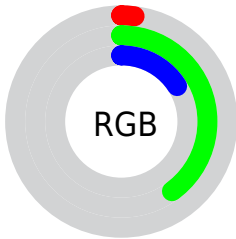
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 4, 75, 102 |
| Decimal | 288297 |
| CIELab | 37.28, -39.81, 27.11 |
| CIELCh | 37, 48.168, 145.743 |
| Yxy | 9.6886, 0.2799, 0.5213 |
| Android (android.graphics.Color) | 4278478377 (0xFF046629) |
| YUV | 65.7440, -12.1988, -54.1495 |
| Hunter-Lab | 31.1266, -24.6418, 14.7527 |

Details

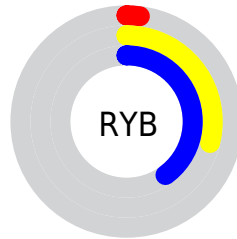
The Hex color **046629** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **660441**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **489A58**, and **003500** is the 20% darker color. If you saturate the color by 10%, you get **006627**, and if you desaturate by 10%, it is **0E662F**.

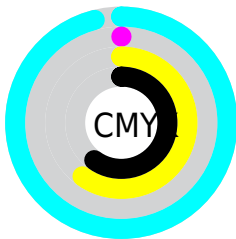
Distribution



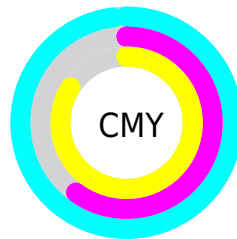
- Red (2%)
- Green (40%)
- Blue (16%)



- Red (2%)
- Yellow (29%)
- Blue (40%)



- Cyan (96%)
- Magenta (0%)
- Yellow (60%)
- Black (60%)



- Cyan (98%)
- Magenta (60%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 046629 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 046629 by changing the saturation by 10% instead.

 046629

 046629

FFFFFF

 004D12

 489A58

 003500

 63B571

 002100

 7ED18B

 000000

 9AEEA6

 B6FFC1

 D3FFDD

 F0FFFA

 046629

 046629

■ 006627

■ 0E662F

■ 186636

■ 23663C

■ 2D6642

■ 376649

■ 41664F

■ 4B6655

■ 56665C

■ 606662

Harmonies

Analogous

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



495F02



046629



006951

Triad

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



046629



005EA6



9B3438

Complementary

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



046629



660441

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.



992F5F



046629



4B509E

Square

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



046629



006698



813D84



8B4415

Rectangle

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



046629



006A6C



813D84



9D3045

Sweetspot

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



046629



5E856D



426604



2B4234



C2C2C2



424242

Same Dimension

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



046629



008532



046659



2E3330



00732B



00F25B

Inverse Universe

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



660441



850053



660411



332E31



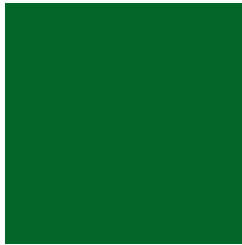
730047



F20097

Previews

White Background



This preview shows how the Hex color 046629 looks on a white background.

Color Contrast Check

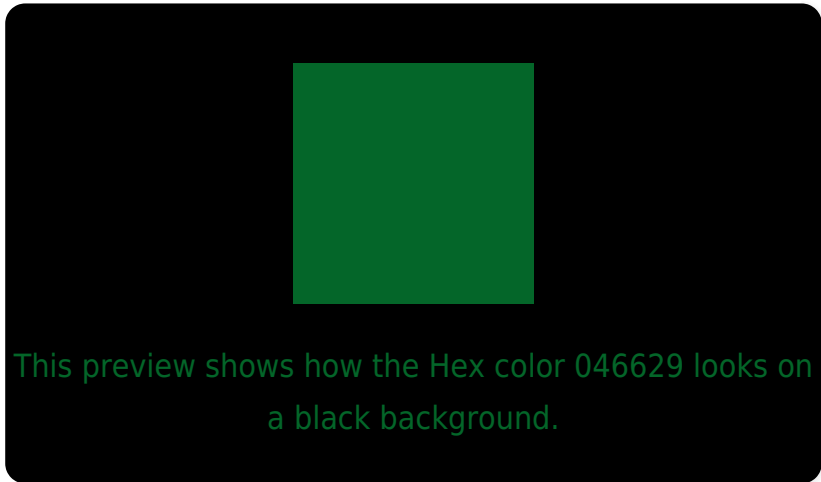
Large Text (above 18pt) WCAG AA ✓ Pass

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 046629 Background



This preview shows how black text looks on a background with the Hex color 046629.



This preview shows how white text looks on a background with the Hex color 046629.

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
046629

Protanopia
625825

Deuteranopia
6B542E



Tritanopia
296067

Trichromacy



Original Color

046629



Protanomaly

405D26



Deuteranomaly

465B2C



Tritanomaly

1C6250

Monochromacy



Original Color

046629



Achromatopsia

424242



Achromatomaly

2B4F39

CSS Examples

Text

The CSS property to change the color of the text to Hex 046629 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 #046629 looks like.

```
.text, #text, p{  
    color:#046629  
}
```

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 #046629 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #046629
}
```

Border

The CSS property to change the border of an element to Hex 046629 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
#046629 }
```

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

```
.border{ border-color:#046629 }
```

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

Here you see how a box with a 4 pixel #046629 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #046629; -webkit-box-shadow:4px 4px  
4px 4px #046629; box-shadow:4px 4px 4px  
4px #046629 }
```

Background

The CSS property to change the background color of an element to Hex 046629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#046629 }
```

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

```
.background{ background-color:#046629 }
```

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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