

Converting Colors

Hex(046234)

Have a look what the booklet for
Hex(046234) contains.

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Color

Hex(046234)

Conversions

Conversions Part 1

Format	Color
Hex	046234
RGB	4, 98, 52
RGB Percent	2%, 38%, 20%
CMY	0.9843, 0.6157, 0.7961
CMYK	0.96, 0.00, 0.47, 0.62
HSL	151°, 92%, 20%
HSV	151°, 96%, 38%
XYZ	5.0376, 9.0091, 4.7222
YIQ	64.6500, -41.2580, -34.2340

Conversions

Conversions Part 2

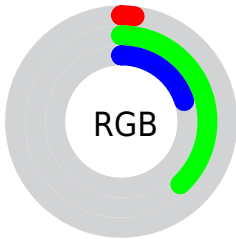
Format	Color
R_YB	4, 66, 98
Decimal	287284
CIE _{Lab}	36.00, -36.33, 19.39
CIE _{LCh}	36, 41.181, 151.910
Yxy	9.0091, 0.2684, 0.4800
Android (android.graphics.Color)	4278477364 (0xFF046234)
YUV	64.6500, -6.2364, -53.1900
Hunter-Lab	30.0152, -22.5681, 11.6826

Details

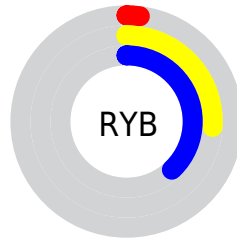
The Hex color **046234** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **620432**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **469663**, and **003207** is the 20% darker color. If you saturate the color by 10%, you get **006232**, and if you desaturate by 10%, it is **0E6239**.

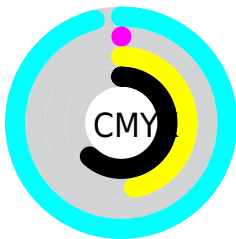
Distribution



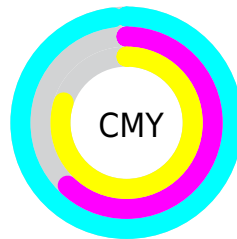
- Red (2%)
- Green (38%)
- Blue (20%)



- Red (2%)
- Yellow (26%)
- Blue (38%)



- Cyan (96%)
- Magenta (0%)
- Yellow (47%)
- Black (62%)



- Cyan (98%)
- Magenta (62%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 046234 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 046234 by changing the saturation by 10% instead.

 046234

 046234

FFFFFF

 004A1E

 469663

 003207

 61B17C

 001D00

 7CCC96

 000000

 97E9B1

 B3FFCD

 D0FFE9

 EDFFFF

 046234

 046234

■ 006232

■ 0E6239

■ 18623E

■ 216242

■ 2B6247

■ 35624C

■ 3F6251

■ 496256

■ 52625A

■ 5C625F

Harmonies

Analogous

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



425D17



046234



006456

Triad

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



046234



005897



8E3A34

Complementary

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



046234



620432

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.



8F3554



046234



584B8D

Square

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



046234



00608F



7E3D74



7E4719

Rectangle

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



046234



00646C



7E3D74



90373E

Sweetspot

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



046234



5B806D



336204



294035



BFBFBF



404040

Same Dimension

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



046234



008041



046262



2C302E



007039



00F07A

Inverse Universe

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



620432



80003E



620404



302C2E



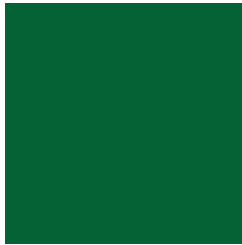
700037



F00075

Previews

White Background



This preview shows how the Hex color 046234 looks on a white background.

Color Contrast Check

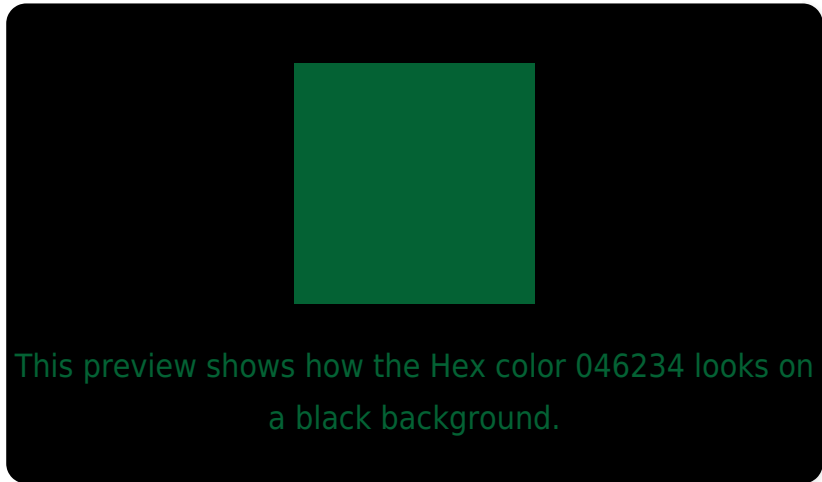
Large Text (above 18pt) WCAG AA ✓ Pass

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

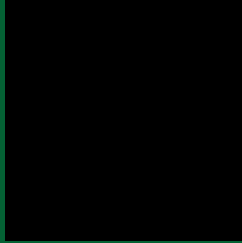
Any Text WCAG AA × Fail

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 046234 Background



This preview shows how black text looks on a background with the Hex color 046234.



This preview shows how white text looks on a background with the Hex color 046234.

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
046234

Protanopia
5D552F

Deuteranopia
665138



Tritanopia
255D64

Trichromacy



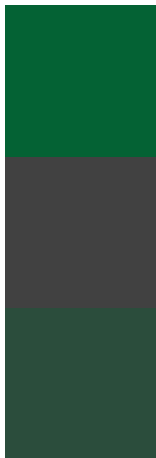
Original Color
046234

Protanomaly
3D5A31

Deuteranomaly
425737

Tritanomaly
195F53

Monochromacy



Original Color
046234

Achromatopsia
414141

Achromatomaly
2B4D3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 046234 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 #046234 looks like.

```
.text, #text, p{  
    color:#046234  
}
```

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 #046234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #046234
}
```

Border

The CSS property to change the border of an element to Hex 046234 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
#046234 }
```

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

```
.border{ border-color:#046234 }
```

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

Here you see how a box with a 4 pixel #046234 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #046234; -webkit-box-shadow:4px 4px  
4px 4px #046234; box-shadow:4px 4px 4px  
4px #046234 }
```

Background

The CSS property to change the background color of an element to Hex 046234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#046234 }
```

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

```
.background{ background-color:#046234 }
```

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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