

Converting Colors

Hex(0C5034)

Have a look what the booklet for
Hex(0C5034) contains.

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Color

Hex(0C5034)

Conversions

Conversions Part 1

Format	Color
Hex	0C5034
RGB	12, 80, 52
RGB Percent	5%, 31%, 20%
CMY	0.9529, 0.6863, 0.7961
CMYK	0.85, 0.00, 0.35, 0.69
HSL	155°, 74%, 18%
HSV	155°, 85%, 31%
XYZ	3.6401, 6.0634, 4.2273
YIQ	56.4760, -31.5400, -23.1240

Conversions

Conversions Part 2

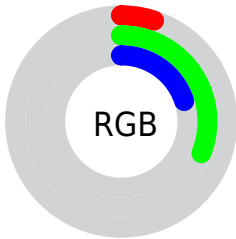
Format	Color
RYB	12, 55, 80
Decimal	806964
CIELab	29.57, -27.89, 10.85
CIELCh	30, 29.929, 158.745
Yxy	6.0634, 0.2613, 0.4353
Android (android.graphics.Color)	4278997044 (0xFF0C5034)
YUV	56.4760, -2.2067, -39.0055
Hunter-Lab	24.6240, -16.7047, 7.0582

Details

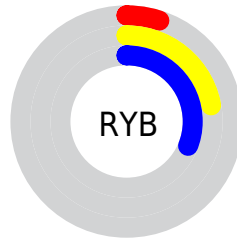
The Hex color **0C5034** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **500C28**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **448263**, and **002307** is the 20% darker color. If you saturate the color by 10%, you get **045031**, and if you desaturate by 10%, it is **145037**.

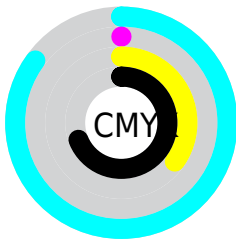
Distribution



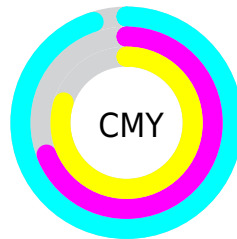
- Red (5%)
- Green (31%)
- Blue (20%)



- Red (5%)
- Yellow (22%)
- Blue (31%)



- Cyan (85%)
- Magenta (0%)
- Yellow (35%)
- Black (69%)



- Cyan (95%)
- Magenta (69%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C5034 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 0C5034 by changing the saturation by 10% instead.

 0C5034

 0C5034

FFFFFF

 00391F

 448263

 002307

 5D9C7C

 000000

 78B795

 92D3B0

 AEF0CC

 CAFFE8

 E6FFFF

 0C5034

 0C5034

■ 045031

■ 145037

■ 00502F

■ 1C503B

■ 24503E

■ 2C5041

■ 345044

■ 3C5048

■ 44504B

■ 4C504E

■ 545052

Harmonies

Analogous

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



334D20



0C5034



00514C

Triad

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



0C5034



284674



6D362A

Complementary

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



0C5034



500C28

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.



713140



0C5034



503D6A

Square

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



0C5034



004D71



673457



603E1A

Rectangle

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



0C5034



00515B



673457



703431

Sweetspot

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



0C5034



4D695D



28500C



25362F



B5B5B5



363636

Same Dimension

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



0C5034



00693E



0C4A50



252927



00E889

Inverse Universe

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



500C28



69002B



50120C



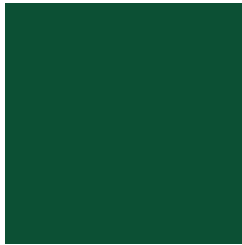
292526



E80060

Previews

White Background



This preview shows how the Hex color 0C5034 looks on a white background.

Color Contrast Check

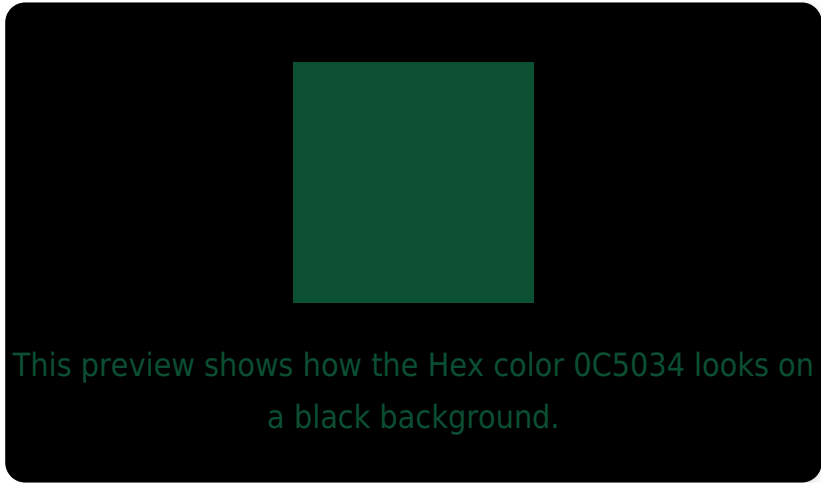
Large Text (above 18pt) WCAG AA ✓ Pass

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

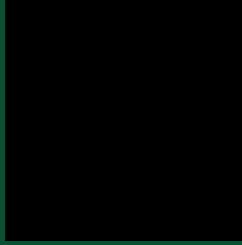
Any Text WCAG AA × Fail

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 0C5034 Background



This preview shows how black text looks on a background with the Hex color 0C5034.



This preview shows how white text looks on a background with the Hex color 0C5034.

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
0C5034

Protanopia
4B4630

Deuteranopia
514337



Tritanopia
1E4C52

Trichromacy



Original Color
0C5034

Protanomaly
344A31

Deuteranomaly
384836

Tritanomaly
174D47

Monochromacy



Original Color
0C5034

Achromatopsia
383838

Achromatomaly
284137

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C5034 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 #0C5034 looks like.

```
.text, #text, p{  
    color:#0C5034  
}
```

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 #0C5034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C5034
}
```

Border

The CSS property to change the border of an element to Hex 0C5034 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
#0C5034 }
```

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

```
.border{ border-color:#0C5034 }
```

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

Here you see how a box with a 4 pixel #0C5034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C5034; -webkit-box-shadow:4px 4px  
4px 4px #0C5034; box-shadow:4px 4px 4px  
4px #0C5034 }
```

Background

The CSS property to change the background color of an element to Hex 0C5034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C5034 }
```

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

```
.background{ background-color:#0C5034 }
```

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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