

Converting Colors

Hex(054D16)

Have a look what the booklet for
Hex(054D16) contains.

Hex(054D16)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(054D16)

Conversions

Conversions Part 1

Format	Color
Hex	054D16
RGB	5, 77, 22
RGB Percent	2%, 30%, 9%
CMY	0.9804, 0.6980, 0.9137
CMYK	0.94, 0.00, 0.71, 0.70
HSL	134°, 88%, 16%
HSV	134°, 94%, 30%
XYZ	2.8613, 5.3979, 1.6502
YIQ	49.2020, -25.2570, -32.3690

Conversions

Conversions Part 2

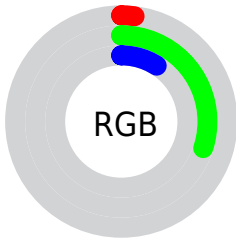
Format	Color
RYB	5, 63, 77
Decimal	347414
CIELab	27.84, -33.42, 26.09
CIELCh	28, 42.402, 142.023
Yxy	5.3979, 0.2887, 0.5447
Android (android.graphics.Color)	4278537494 (0xFF054D16)
YUV	49.2020, -13.4106, -38.7652
Hunter-Lab	23.2335, -18.6757, 12.0524

Details

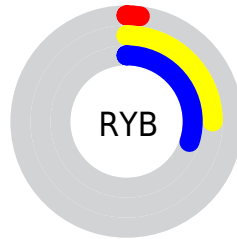
The Hex color **054D16** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4D053C**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **407F44**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **004D12**, and if you desaturate by 10%, it is **0D4D1C**.

Distribution



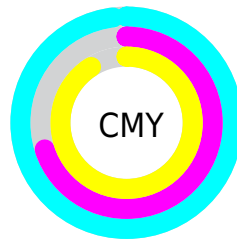
- Red (2%)
- Green (30%)
- Blue (9%)



- Red (2%)
- Yellow (25%)
- Blue (30%)



- Cyan (94%)
- Magenta (0%)
- Yellow (71%)
- Black (70%)



- Cyan (98%)
- Magenta (70%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 054D16 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 054D16 by changing the saturation by 10% instead.

 054D16

 054D16

FFFFFFE

 003500

 407F44

 002200

 5A995C

 000000

 74B475

 8FD08F

 ABECA9

 C7FFC5

 E3FFE1

 054D16

 054D16

■ 004D12

■ 0D4D1C

■ 144D22

■ 1C4D28

■ 244D2E

■ 2B4D33

■ 334D39

■ 3B4D3F

■ 434D45

■ 4A4D4B

Harmonies

Analogous

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



3A4700



054D16



005038

Triad

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



054D16



004883



7A202B

Complementary

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



054D16



4D053C

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.



771F4C



054D16



2D3D7F

Square

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



054D16



004E75



602D6A



6E2F0D

Rectangle

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



054D16



00504E



602D6A



7B1E36

Sweetspot

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



054D16



48634E



3C4D05



223326



B3B3B3



333333

Same Dimension

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



054D16



006317



054D3A



222623



006618



00E636

Inverse Universe

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



4D053C



63004C



4D0518



262225



66004E



E600AF

Previews

White Background



This preview shows how the Hex color 054D16 looks on a white background.

Color Contrast Check

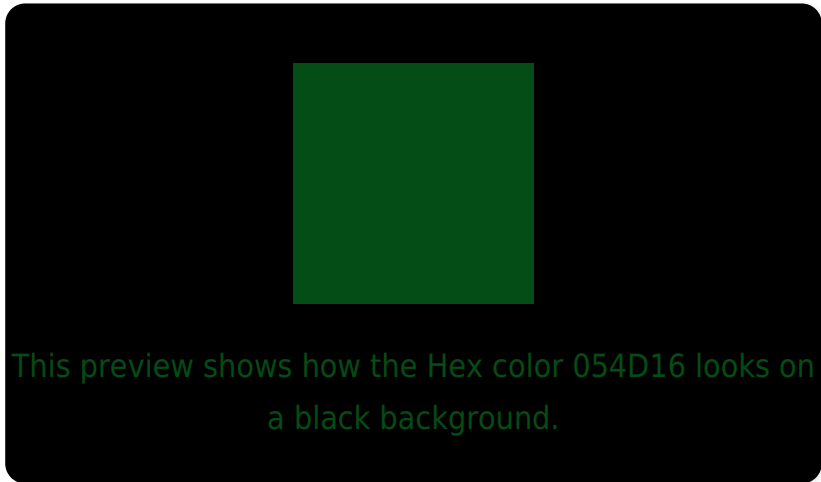
Large Text (above 18pt) WCAG AA ✓ Pass

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

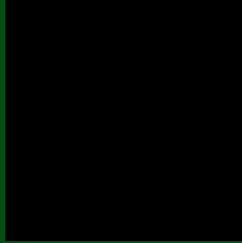
Any Text WCAG AA × Fail

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 054D16 Background



This preview shows how black text looks on a background with the Hex color 054D16.



This preview shows how white text looks on a background with the Hex color 054D16.

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
054D16

Protanopia
4A4213

Deuteranopia
523F1B



Tritanopia
20484E

Trichromacy



Original Color
054D16

Protanomaly
314614

Deuteranomaly
364419

Tritanomaly
164A3A

Monochromacy



Original Color
054D16

Achromatopsia
313131

Achromatomaly
213B27

CSS Examples

Text

The CSS property to change the color of the text to Hex 054D16 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 #054D16 looks like.

```
.text, #text, p{  
    color:#054D16  
}
```

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 #054D16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #054D16
}
```

Border

The CSS property to change the border of an element to Hex 054D16 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".

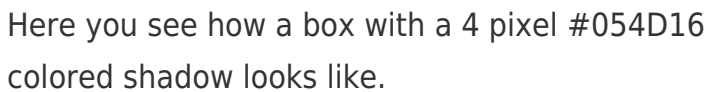
```
.border, #border, table{ border:4px solid
#054D16 }
```

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

```
.border{ border-color:#054D16 }
```

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

Here you see how a box with a 4 pixel #054D16 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #054D16; -webkit-box-shadow:4px 4px  
4px 4px #054D16; box-shadow:4px 4px 4px  
4px #054D16 }
```

Background

The CSS property to change the background color of an element to Hex 054D16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#054D16 }
```

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

```
.background{ background-color:#054D16 }
```

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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