

Converting Colors

Hex(045C28)

Have a look what the booklet for
Hex(045C28) contains.

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Color

Hex(045C28)

Conversions

Conversions Part 1

Format	Color
Hex	045C28
RGB	4, 92, 40
RGB Percent	2%, 36%, 16%
CMY	0.9843, 0.6392, 0.8431
CMYK	0.96, 0.00, 0.57, 0.64
HSL	145°, 92%, 19%
HSV	145°, 96%, 36%
XYZ	4.2602, 7.8333, 3.2949
YIQ	59.7600, -35.7560, -34.8280

Conversions

Conversions Part 2

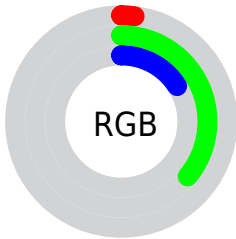
Format	Color
R_{YB}	4, 66, 92
Decimal	285736
CIE _{Lab}	33.63, -36.33, 23.25
CIE _{LCh}	34, 43.130, 147.379
Yxy	7.8333, 0.2768, 0.5090
Android (android.graphics.Color)	4278475816 (0xFF045C28)
YUV	59.7600, -9.7417, -48.9015
Hunter-Lab	27.9880, -21.8086, 12.6116

Details

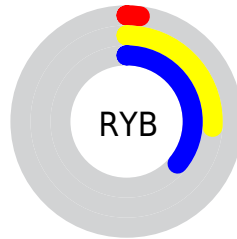
The Hex color **045C28** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5C0438**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **448F56**, and **002D00** is the 20% darker color. If you saturate the color by 10%, you get **005C26**, and if you desaturate by 10%, it is **0D5C2D**.

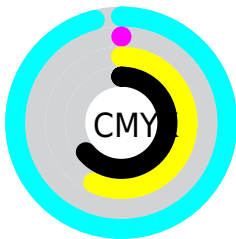
Distribution



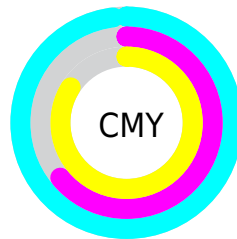
- Red (2%)
- Green (36%)
- Blue (16%)



- Red (2%)
- Yellow (26%)
- Blue (36%)



- Cyan (96%)
- Magenta (0%)
- Yellow (57%)
- Black (64%)



- Cyan (98%)
- Magenta (64%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 045C28 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 045C28 by changing the saturation by 10% instead.

 045C28

 045C28

FFFFFF

 004412

 448F56

 002D00

 5FAA6F

 001500

 7AC689

 000000

 95E2A3

 B1FFBF

 CDFFDA

 EAFFF7

 045C28

 045C28

■ 005C26

■ 0D5C2D

■ 165C33

■ 205C38

■ 295C3E

■ 325C43

■ 3B5C49

■ 445C4E

■ 4E5C53

■ 575C59

Harmonies

Analogous

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



415608



045C28



005F4B

Triad

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



045C28



005494



8A3132

Complementary

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



045C28



5C0438

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.



8A2C54



045C28



48478C

Square

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



045C28



005C88



753774



7C3F14

Rectangle

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



045C28



005F63



753774



8C2E3D

Sweetspot

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



045C28



557863



395C04



283D31



BDBDBD



3D3D3D

Same Dimension

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



045C28



007831



045C53



292E2B



006E2D



00ED61

Inverse Universe

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



5C0438



780047



5C040D



2E292C



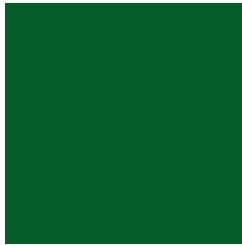
6E0041



ED008C

Previews

White Background



This preview shows how the Hex color 045C28 looks on a white background.

Color Contrast Check

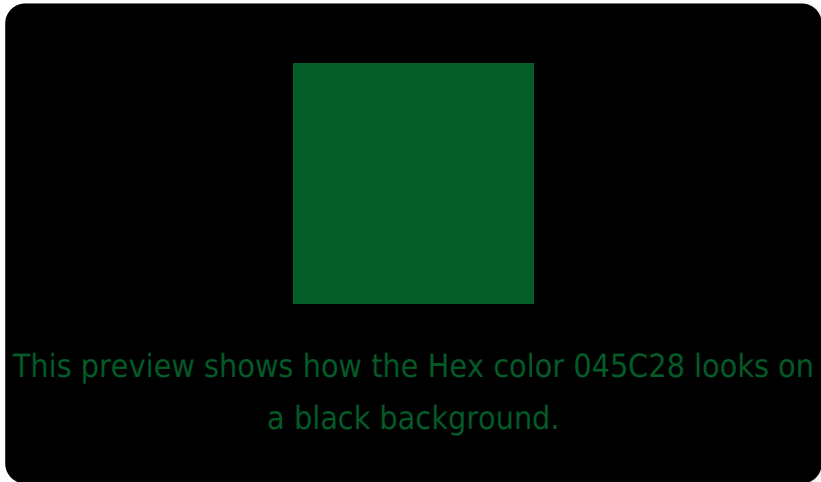
Large Text (above 18pt) WCAG AA ✓ Pass

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

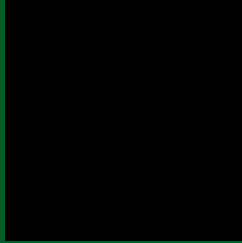
Any Text WCAG AA × Fail

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 045C28 Background



This preview shows how black text looks on a background with the Hex color 045C28.



This preview shows how white text looks on a background with the Hex color 045C28.

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](#).

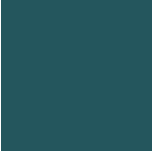
Dichromacy



Original Color
045C28

Protanopia
584F24

Deuteranopia
614B2D



Tritanopia
24565D

Trichromacy



Original Color
045C28



Protanomaly
395425



Deuteranomaly
3F512B



Tritanomaly
18584A

Monochromacy



Original Color
045C28



Achromatopsia
3C3C3C



Achromatomaly
284835

CSS Examples

Text

The CSS property to change the color of the text to Hex 045C28 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 #045C28 looks like.

```
.text, #text, p{  
    color:#045C28  
}
```

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 #045C28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #045C28
}
```

Border

The CSS property to change the border of an element to Hex 045C28 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
#045C28 }
```

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

```
.border{ border-color:#045C28 }
```

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

Here you see how a box with a 4 pixel #045C28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #045C28; -webkit-box-shadow:4px 4px  
4px 4px #045C28; box-shadow:4px 4px 4px  
4px #045C28 }
```

Background

The CSS property to change the background color of an element to Hex 045C28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#045C28 }
```

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

```
.background{ background-color:#045C28 }
```

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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