

Converting Colors

Hex(045529)

Have a look what the booklet for
Hex(045529) contains.

| | |
|--|----|
| Hex(045529) | 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(045529)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 045529 |
| RGB | 4, 85, 41 |
| RGB Percent | 2%, 33%, 16% |
| CMY | 0.9843, 0.6667, 0.8392 |
| CMYK | 0.95, 0.00, 0.52, 0.67 |
| HSL | 147°, 91%, 17% |
| HSV | 147°, 95%, 33% |
| XYZ | 3.6988, 6.6829, 3.1928 |
| YIQ | 55.7650, -34.1520, -30.8560 |

Conversions

Conversions Part 2

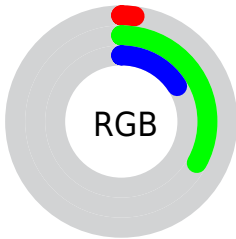
| Format | Color |
|-------------------------------------|--|
| RYB | 4, 60, 85 |
| Decimal | 283945 |
| CIELab | 31.07, -33.47, 19.49 |
| CIELCh | 31, 38.727, 149.787 |
| Yxy | 6.6829, 0.2725, 0.4923 |
| Android (android.graphics.Color) | 4278474025 (0xFF045529) |
| YUV | 55.7650, -7.2791, -45.3979 |
| Hunter-Lab | 25.8513, -19.7000, 10.7732 |

Details

The Hex color **045529** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **550430**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **428857**, and **002700** is the 20% darker color. If you saturate the color by 10%, you get **005527**, and if you desaturate by 10%, it is **0D552E**.

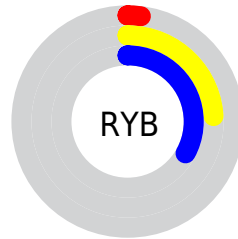
Distribution



Red (2%)

Green (33%)

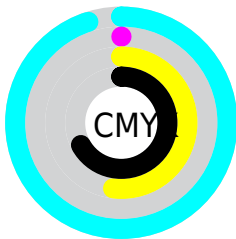
Blue (16%)



Red (2%)

Yellow (24%)

Blue (33%)

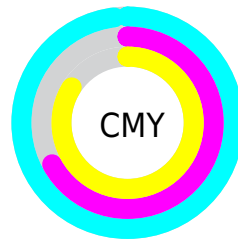


Cyan (95%)

Magenta (0%)

Yellow (52%)

Black (67%)



Cyan (98%)

Magenta (67%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 045529 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 045529 by changing the saturation by 10% instead.

 045529

 045529

FFFFFF

 003D14

 428857

 002700

 5CA270

 000700

 77BD89

 000000

 92D9A4

 ADF6BF

 C9FFDB

 E6FFF7

 045529

 045529

■ 005527

■ 0D552E

■ 155532

■ 1E5537

■ 26553B

■ 2F5540

■ 375545

■ 3F5549

■ 48554E

■ 505553

Harmonies

Analogous

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



3A500E



045529



005748

Triad

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



045529



004D86



7E302D

Complementary

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



045529



550430

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.



7E2B4B



045529



48417E

Square

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



045529



00547D



6D3468



703C13

Rectangle

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



045529



00575D



6D3468



7F2D36

Sweetspot

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



045529



4E6E5C



315504



24382D



B8B8B8



383838

Same Dimension

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



045529



006E32



045551



272B29



006B31



00EB6B

Inverse Universe

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



550430



6E003C



550408



2B2729



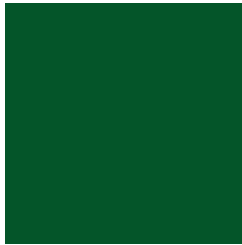
6B003A



EB007F

Previews

White Background



This preview shows how the Hex color 045529 looks on a white background.

Color Contrast Check

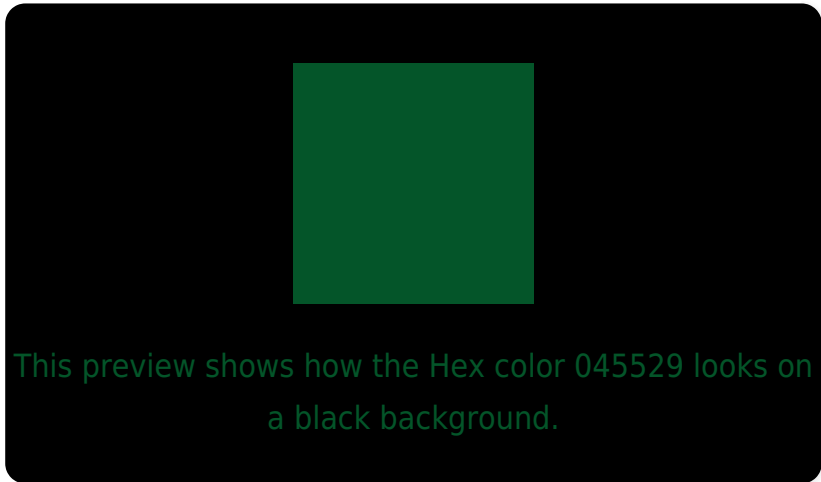
Large Text (above 18pt) WCAG AA ✓ Pass

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 045529 Background



This preview shows how black text looks on a background with the Hex color 045529.



This preview shows how white text looks on a background with the Hex color 045529.

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
045529

Protanopia
514925

Deuteranopia
59462D



Tritanopia
215057

Trichromacy



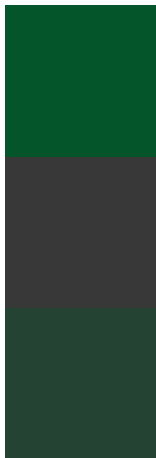
Original Color
045529

Protanomaly
354D26

Deuteranomaly
3A4B2C

Tritanomaly
165246

Monochromacy



Original Color
045529

Achromatopsia
383838

Achromatomaly
254333

CSS Examples

Text

The CSS property to change the color of the text to Hex 045529 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 #045529 looks like.

```
.text, #text, p{  
    color:#045529  
}
```

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 #045529 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #045529
}
```

Border

The CSS property to change the border of an element to Hex 045529 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
#045529 }
```

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

```
.border{ border-color:#045529 }
```

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

Here you see how a box with a 4 pixel #045529 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #045529; -webkit-box-shadow:4px 4px  
4px 4px #045529; box-shadow:4px 4px 4px  
4px #045529 }
```

Background

The CSS property to change the background color of an element to Hex 045529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#045529 }
```

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

```
.background{ background-color:#045529 }
```

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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