

Converting Colors

Hex(045232)

Have a look what the booklet for
Hex(045232) contains.

Hex(045232)	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(045232)

Conversions

Conversions Part 1

Format	Color
Hex	045232
RGB	4, 82, 50
RGB Percent	2%, 32%, 20%
CMY	0.9843, 0.6784, 0.8039
CMYK	0.95, 0.00, 0.39, 0.68
HSL	155°, 91%, 17%
HSV	155°, 95%, 32%
XYZ	3.6431, 6.2907, 4.0398
YIQ	55.0300, -36.2160, -26.4880

Conversions

Conversions Part 2

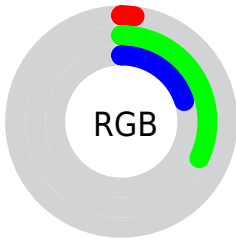
Format	Color
R_YB	4, 53, 82
Decimal	283186
CIE _{Lab}	30.13, -30.27, 12.84
CIE _{LCh}	30, 32.881, 157.022
Yxy	6.2907, 0.2607, 0.4502
Android (android.graphics.Color)	4278473266 (0xFF045232)
YUV	55.0300, -2.4798, -44.7533
Hunter-Lab	25.0812, -17.9648, 8.0071

Details

The Hex color **045232** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **520424**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **418461**, and **002504** is the 20% darker color. If you saturate the color by 10%, you get **005230**, and if you desaturate by 10%, it is **0C5235**.

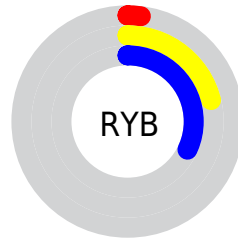
Distribution



Red (2%)

Green (32%)

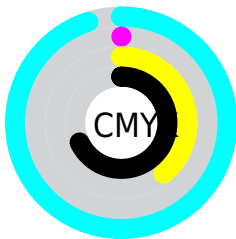
Blue (20%)



Red (2%)

Yellow (21%)

Blue (32%)

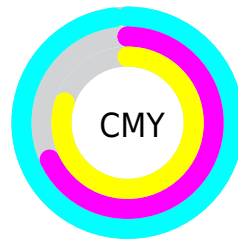


Cyan (95%)

Magenta (0%)

Yellow (39%)

Black (68%)



Cyan (98%)

Magenta (68%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 045232 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 045232 by changing the saturation by 10% instead.

 045232

 045232

FFFFFF

 003A1D

 418461

 002504

 5B9F79

 000100

 75BA93

 000000

 90D6AE

 ABF2C9

 C7FFE5

 E4FFFF

 045232

 045232

■ 005230

■ 0C5235

■ 145239

■ 1D523C

■ 25523F

■ 2D5243

■ 355246

■ 3D524A

■ 46524D

■ 4E5250

Harmonies

Analogous

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



344E1C



045232



00534C

Triad

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



045232



1E487A



73352A

Complementary

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



045232



520424

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.



763042



045232



503E70

Square

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



045232



004F76



6B345B



653E17

Rectangle

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



045232



00535D



6B345B



753231

Sweetspot

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



045232



4C6B5E



245204



23362E



B5B5B5



363636

Same Dimension

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



045232



006B3F



044C52



252927



00693E



00E889

Inverse Universe

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



520424



6B002C



520B04



292526



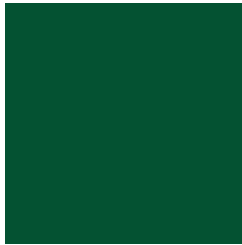
69002B



E8005F

Previews

White Background



This preview shows how the Hex color 045232 looks on a white background.

Color Contrast Check

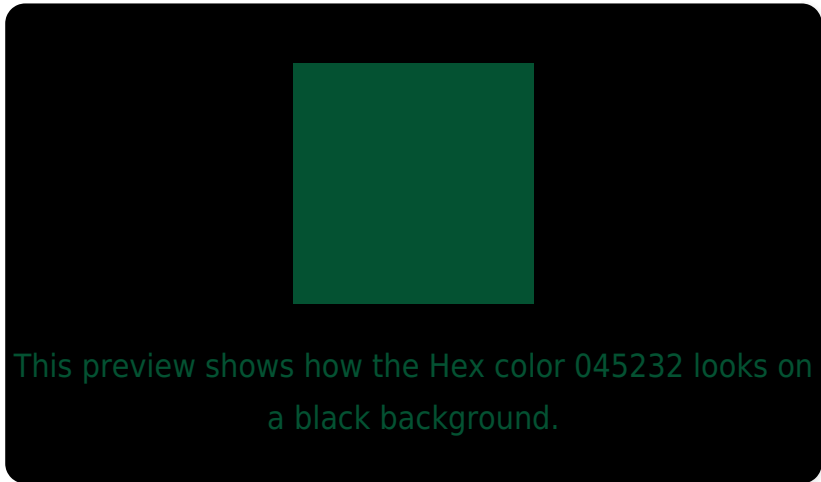
Large Text (above 18pt) WCAG AA ✓ Pass

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

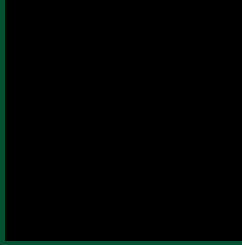
Any Text WCAG AA × Fail

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 045232 Background



This preview shows how black text looks on a background with the Hex color 045232.



This preview shows how white text looks on a background with the Hex color 045232.

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](#).

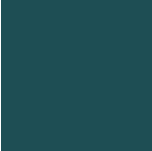
Dichromacy



Original Color
045232

Protanopia
4D472E

Deuteranopia
544435



Tritanopia
1E4E54

Trichromacy



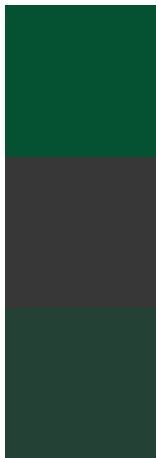
Original Color
045232

Protanomaly
324B2F

Deuteranomaly
374934

Tritanomaly
154F48

Monochromacy



Original Color
045232

Achromatopsia
373737

Achromatomaly
244135

CSS Examples

Text

The CSS property to change the color of the text to Hex 045232 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 #045232 looks like.

```
.text, #text, p{  
    color:#045232  
}
```

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 #045232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #045232
}
```

Border

The CSS property to change the border of an element to Hex 045232 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
#045232 }
```

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

```
.border{ border-color:#045232 }
```

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

Here you see how a box with a 4 pixel #045232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #045232; -webkit-box-shadow:4px 4px  
4px 4px #045232; box-shadow:4px 4px 4px  
4px #045232 }
```

Background

The CSS property to change the background color of an element to Hex 045232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#045232 }
```

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

```
.background{ background-color:#045232 }
```

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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