

Converting Colors

Hex(005525)

Have a look what the booklet for
Hex(005525) contains.

Hex(005525)	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(005525)

Conversions

Conversions Part 1

Format	Color
Hex	005525
RGB	0, 85, 37
RGB Percent	0%, 33%, 15%
CMY	1.0000, 0.6667, 0.8549
CMYK	1.00, 0.00, 0.56, 0.67
HSL	146°, 100%, 17%
HSV	146°, 100%, 33%
XYZ	3.5824, 6.6306, 2.8413
YIQ	54.1130, -35.2520, -32.9480

Conversions

Conversions Part 2

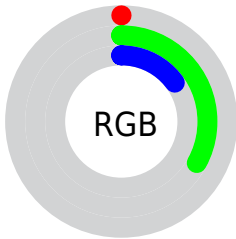
Format	Color
RYB	0, 59, 85
Decimal	21797
CIELab	30.95, -34.73, 21.63
CIELCh	31, 40.915, 148.089
Yxy	6.6306, 0.2744, 0.5079
Android (android.graphics.Color)	4278211877 (0xFF005525)
YUV	54.1130, -8.4367, -47.4571
Hunter-Lab	25.7499, -20.2287, 11.4828

Details

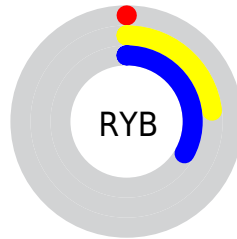
The Hex color **005525** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **550030**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **408853**, and **002700** is the 20% darker color. If you saturate the color by 10%, you get **005525**, and if you desaturate by 10%, it is **08552A**.

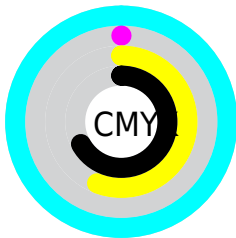
Distribution



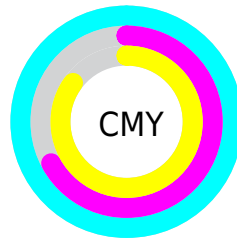
- Red (0%)
- Green (33%)
- Blue (15%)



- Red (0%)
- Yellow (23%)
- Blue (33%)



- Cyan (100%)
- Magenta (0%)
- Yellow (56%)
- Black (67%)



- Cyan (100%)
- Magenta (67%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005525 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 005525 by changing the saturation by 10% instead.

 005525

 005525

FFFFFF

 003D0F

 408853

 002700

 5BA26C

 000700

 75BE85

 000000

 90DA9F

 ACF6BA

 C8FFD6

 E5FFF3

 005525

■ 08552A

■ 11552F

■ 195533

■ 225538

■ 2A553D

■ 335542

■ 3B5547

■ 44554B

■ 4C5550

Harmonies

Analogous

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



3B5007



005525



005746

Triad

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



005525



004D89



802D2D

Complementary

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



005525



550030

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.



80284C



005525



444182

Square

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



005525



00547F



6D326B



723A11

Rectangle

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



005525



00585C



6D326B



822A37

Sweetspot

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



005525



4D6E5B



305500



24382D



B8B8B8



383838

Same Dimension

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



005525



006E30



00554F



272B29



006B2F



00EB66

Inverse Universe

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



550030



6E003E



550006



2B2729



6B003C



EB0084

Previews

White Background



This preview shows how the Hex color 005525 looks on a white background.

Color Contrast Check

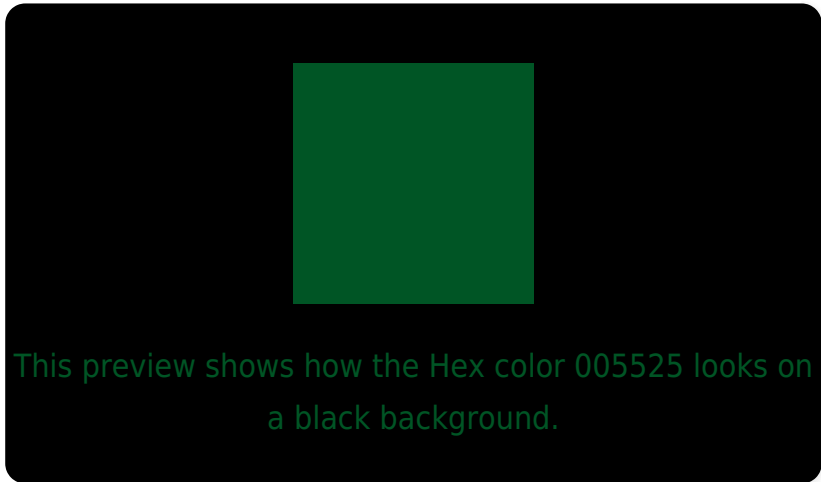
Large Text (above 18pt) WCAG AA ✓ Pass

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

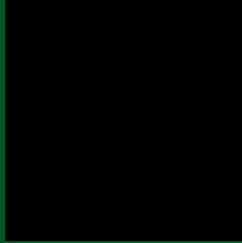
Any Text WCAG AA × Fail

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 005525 Background



This preview shows how black text looks on a background with the Hex color 005525.



This preview shows how white text looks on a background with the Hex color 005525.

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
005525

Protanopia
514921

Deuteranopia
594629

Trichromacy



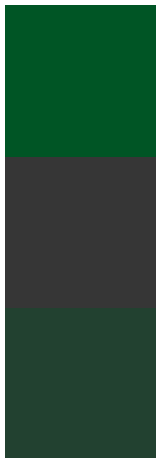
Original Color
005525

Protanomaly
344D22

Deuteranomaly
394B28

Tritanomaly
155244

Monochromacy



Original Color
005525

Achromatopsia
363636

Achromatomaly
224130

CSS Examples

Text

The CSS property to change the color of the text to Hex 005525 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 #005525 looks like.

```
.text, #text, p{  
    color:#005525  
}
```

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 #005525 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005525
}
```

Border

The CSS property to change the border of an element to Hex 005525 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
#005525 }
```

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

```
.border{ border-color:#005525 }
```

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

Here you see how a box with a 4 pixel #005525 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005525; -webkit-box-shadow:4px 4px  
4px 4px #005525; box-shadow:4px 4px 4px  
4px #005525 }
```

Background

The CSS property to change the background color of an element to Hex 005525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005525 }
```

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

```
.background{ background-color:#005525 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor