

# Converting Colors

Hex(005C27)

Have a look what the booklet for  
Hex(005C27) contains.

<b>Hex(005C27)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(005C27)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005C27
RGB	0, 92, 39
RGB Percent	0%, 36%, 15%
CMY	1.0000, 0.6392, 0.8471
CMYK	1.00, 0.00, 0.58, 0.64
HSL	145°, 100%, 18%
HSV	145°, 100%, 36%
XYZ	4.1934, 7.8008, 3.2041
YIQ	58.4500, -37.8190, -35.9870

# Conversions

## Conversions Part 2

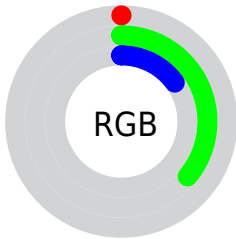
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 65, 92
Decimal	23591
CIELab	33.56, -36.96, 23.71
CIELCh	34, 43.914, 147.323
Yxy	7.8008, 0.2759, 0.5133
Android (android.graphics.Color)	4278213671 (0xFF005C27)
YUV	58.4500, -9.5888, -51.2606
Hunter-Lab	27.9299, -22.0775, 12.7491

# Details

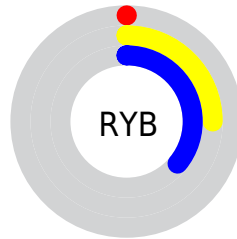
The Hex color **005C27** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5C0035**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **438F55**, and **002D00** is the 20% darker color. If you saturate the color by 10%, you get **005C27**, and if you desaturate by 10%, it is **095C2C**.

# Distribution



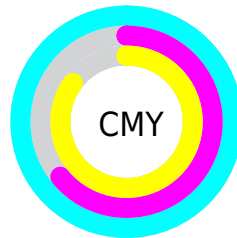
- Red (0%)
- Green (36%)
- Blue (15%)



- Red (0%)
- Yellow (25%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (58%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005C27 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 005C27 by changing the saturation by 10% instead.



 005C27

 005C27

FFFFFF

 004411

 438F55

 002D00

 5EAA6E

 001500

 78C688

 000000

 94E2A2

 AFFFBD

 CCFFD9

 E9FFF6

 005C27

 095C2C

 125C32

 1C5C37

 255C3C

 2E5C42

 375C47

 405C4C

 4A5C51

 535C57

# Harmonies

## Analogous

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



405605



005C27



005F4B

# Triad

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



005C27



005495



8B3031

# Complementary

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



005C27



5C0035

# 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.



8A2B54



005C27



48478D

# Square

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



005C27



005C89



763775



7C3E12

# Rectangle

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



005C27



005F63



763775



8D2C3C



# Sweetspot

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



005C27



547863



365C00



273D31



BDBDBD



3D3D3D



# Same Dimension

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



005C27



007833



005C54



292E2B



006E2E



00ED65



# Inverse Universe

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



5C0035



780045



5C0008



2E292C



6E003F



ED0089



# Previews

## White Background



This preview shows how the Hex color 005C27 looks on a white background.

## Color Contrast Check

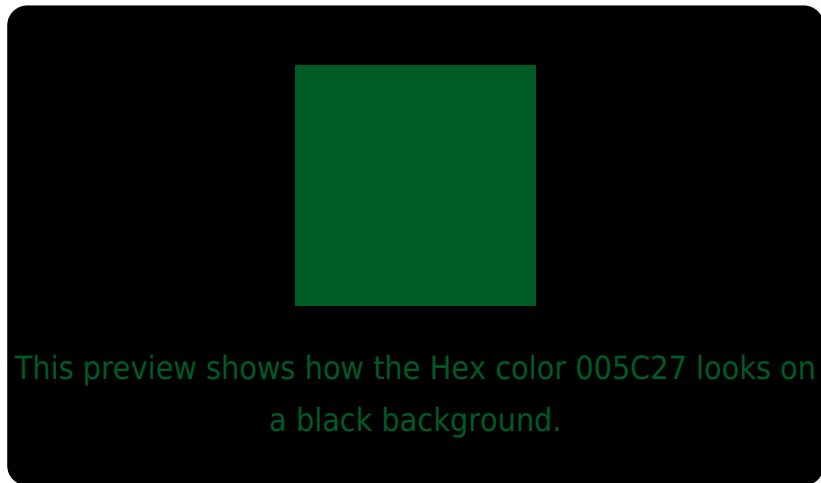
Large Text (above 18pt) WCAG AA ✓ Pass

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

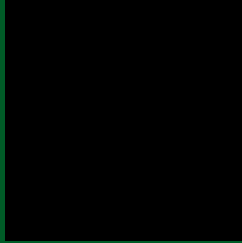
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 005C27 Background



This preview shows how black text looks on a background with the Hex color 005C27.



This preview shows how white text looks on a background with the Hex color 005C27.

# 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](#).

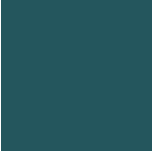
## Dichromacy



**Original Color**  
005C27

**Protanopia**  
584F23

**Deuteranopia**  
614B2C



**Tritanopia**  
24565D

# Trichromacy



**Original Color**  
005C27



**Protanomaly**  
385424



**Deuteranomaly**  
3E512A



**Tritanomaly**  
175849

# Monochromacy



**Original Color**  
005C27



**Achromatopsia**  
3A3A3A



**Achromatomaly**  
254633

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005C27 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 #005C27 looks like.

```
.text, #text, p{  
    color:#005C27  
}
```

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 #005C27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005C27
}
```

## Border

The CSS property to change the border of an element to Hex 005C27 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
#005C27 }
```

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

```
.border{ border-color:#005C27 }
```

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

Here you see how a box with a 4 pixel #005C27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005C27; -webkit-box-shadow:4px 4px  
4px 4px #005C27; box-shadow:4px 4px 4px  
4px #005C27 }
```

# Background

The CSS property to change the background color of an element to Hex 005C27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005C27 }
```

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

```
.background{ background-color:#005C27 }
```

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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