

Converting Colors

Hex(005C30)

Have a look what the booklet for
Hex(005C30) contains.

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Color

Hex(005C30)

Conversions

Conversions Part 1

Format	Color
Hex	005C30
RGB	0, 92, 48
RGB Percent	0%, 36%, 19%
CMY	1.0000, 0.6392, 0.8118
CMYK	1.00, 0.00, 0.48, 0.64
HSL	151°, 100%, 18%
HSV	151°, 100%, 36%
XYZ	4.3606, 7.8677, 4.0851
YIQ	59.4760, -40.7080, -33.1880

Conversions

Conversions Part 2

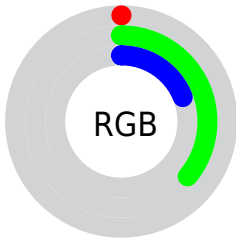
Format	Color
RYB	0, 60, 92
Decimal	23600
CIELab	33.71, -35.25, 18.75
CIELCh	34, 39.928, 151.999
Yxy	7.8677, 0.2673, 0.4823
Android (android.graphics.Color)	4278213680 (0xFF005C30)
YUV	59.4760, -5.6577, -52.1605
Hunter-Lab	28.0494, -21.3363, 10.9996

Details

The Hex color **005C30** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5C002C**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **428F5F**, and **002D02** is the 20% darker color. If you saturate the color by 10%, you get **005C30**, and if you desaturate by 10%, it is **095C34**.

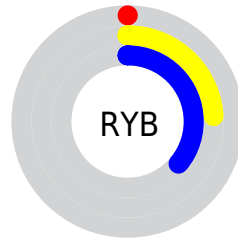
Distribution



Red (0%)

Green (36%)

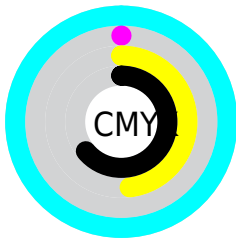
Blue (19%)



Red (0%)

Yellow (24%)

Blue (36%)

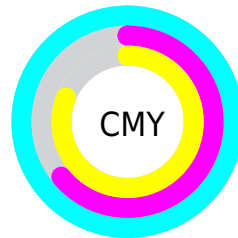


Cyan (100%)

Magenta (0%)

Yellow (48%)

Black (64%)



Cyan (100%)

Magenta (64%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005C30 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 005C30 by changing the saturation by 10% instead.

 005C30

 005C30

FFFFFF

 00441A

 428F5F

 002D02

 5DAA78

 001500

 78C691

 000000

 93E2AC

 AFFFC8

 CBFEE4

 E8FFFF

 005C30

 095C34

 125C39

 1C5C3D

 255C42

 2E5C46

 375C4A

 405C4F

 4A5C53

 535C58

Harmonies

Analogous

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



3D5714



005C30



005E50

Triad

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



005C30



00528F



863630

Complementary

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



005C30



5C002C

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.



87304E



005C30



524685

Square

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



005C30



005A87



77386E



764216

Rectangle

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



005C30



005E66



77386E



883339

Sweetspot

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



005C30



547867



2C5C00



273D33



BDBDBD



3D3D3D

Same Dimension

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



005C30



00783F



005A5C



292E2C



006E39



00ED7C

Inverse Universe

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



5C002C



780039



5C0200



2E292C



6E0034



ED0071

Previews

White Background



This preview shows how the Hex color 005C30 looks on a white background.

Color Contrast Check

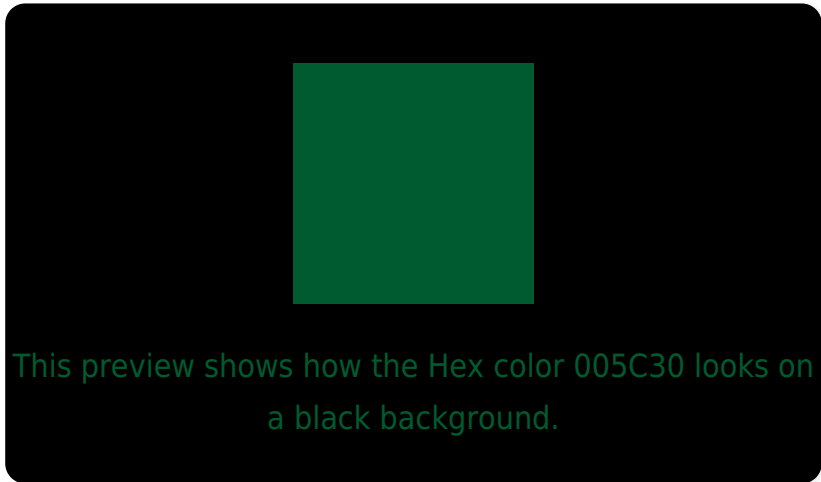
Large Text (above 18pt) WCAG AA ✓ Pass

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 005C30 Background



This preview shows how black text looks on a background with the Hex color 005C30.



This preview shows how white text looks on a background with the Hex color 005C30.

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
005C30

Protanopia
574F2B

Deuteranopia
5F4C34

Trichromacy



Original Color
005C30



Protanomaly
37542D



Deuteranomaly
3C5233



Tritanomaly
16594D

Monochromacy



Original Color
005C30



Achromatopsia
3B3B3B



Achromatomaly
264737

CSS Examples

Text

The CSS property to change the color of the text to Hex 005C30 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 #005C30 looks like.

```
.text, #text, p{  
    color:#005C30  
}
```

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 #005C30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005C30
}
```

Border

The CSS property to change the border of an element to Hex 005C30 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
#005C30 }
```

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

```
.border{ border-color:#005C30 }
```

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

Here you see how a box with a 4 pixel #005C30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005C30; -webkit-box-shadow:4px 4px  
4px 4px #005C30; box-shadow:4px 4px 4px  
4px #005C30 }
```

Background

The CSS property to change the background color of an element to Hex 005C30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005C30 }
```

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

```
.background{ background-color:#005C30 }
```

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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