

Converting Colors

Hex(005D28)

Have a look what the booklet for
Hex(005D28) contains.

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Color

Hex(005D28)

Conversions

Conversions Part 1

Format	Color
Hex	005D28
RGB	0, 93, 40
RGB Percent	0%, 36%, 16%
CMY	1.0000, 0.6353, 0.8431
CMYK	1.00, 0.00, 0.57, 0.64
HSL	146°, 100%, 18%
HSV	146°, 100%, 36%
XYZ	4.2974, 7.9819, 3.3217
YIQ	59.1510, -38.4150, -36.1990

Conversions

Conversions Part 2

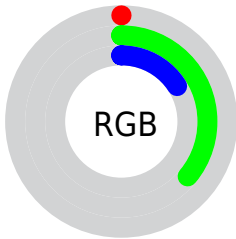
Format	Color
RYB	0, 65, 93
Decimal	23848
CIELab	33.95, -37.16, 23.62
CIElCh	34, 44.028, 147.556
Yxy	7.9819, 0.2755, 0.5116
Android (android.graphics.Color)	4278213928 (0xFF005D28)
YUV	59.1510, -9.4414, -51.8754
Hunter-Lab	28.2523, -22.2904, 12.8058

Details

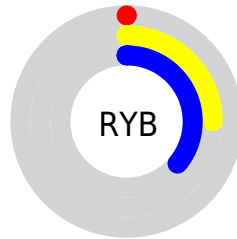
The Hex color **005D28** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5D0035**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **439057**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **005D28**, and if you desaturate by 10%, it is **095D2D**.

Distribution



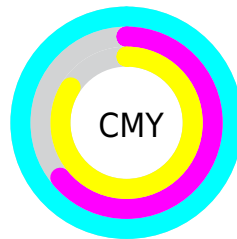
- Red (0%)
- Green (36%)
- Blue (16%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005D28 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 005D28 by changing the saturation by 10% instead.

 005D28

 005D28

FFFFFF

 004512

 439057

 002E00

 5EAB6F

 001600

 79C789

 000000

 94E3A3

 B0FFBF

 CCFFDB

 E9FFF7

 005D28

 095D2D

 135D33

 1C5D38

 255D3D

 2F5D43

 385D48

 415D4D

 4A5D52

 545D58

Harmonies

Analogous

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



415706



005D28



00604C

Triad

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



005D28



005596



8C3132

Complementary

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



005D28



5D0035

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.



8C2C54



005D28



49488E

Square

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



005D28



005D8B



773776



7D3F13

Rectangle

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



005D28



006064



773776



8E2D3D

Sweetspot

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



005D28



547863



365D00



273D31



BDBDBD



3D3D3D

Same Dimension

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



005D28



007834



005D55



292E2B



006E2F



00ED66

Inverse Universe

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



5D0035



780044



5D0008



2E292C



6E003E



ED0087

Previews

White Background



This preview shows how the Hex color 005D28 looks on a white background.

Color Contrast Check

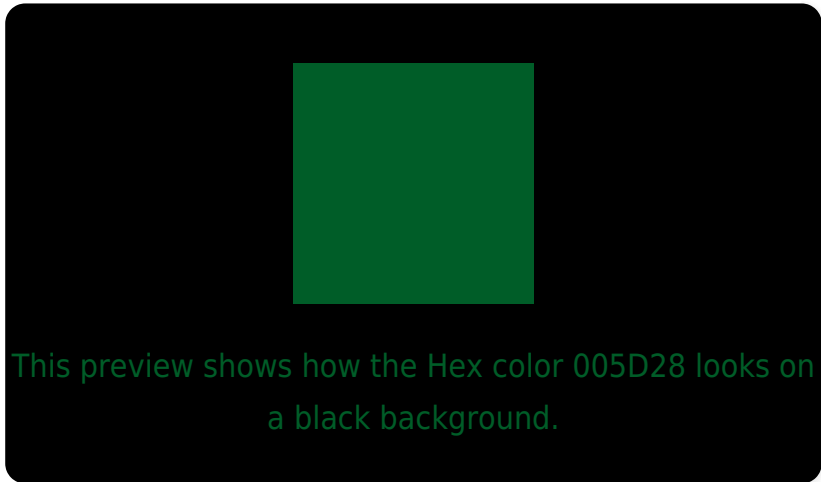
Large Text (above 18pt) WCAG AA ✓ Pass

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

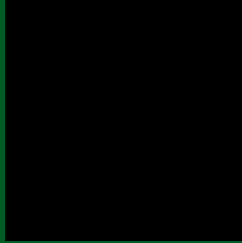
Any Text WCAG AA × Fail

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 005D28 Background



This preview shows how black text looks on a background with the Hex color 005D28.



This preview shows how white text looks on a background with the Hex color 005D28.

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
005D28

Protanopia
595024

Deuteranopia
624C2D

Trichromacy



Original Color
005D28



Protanomaly
395525



Deuteranomaly
3E522B

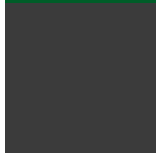


Tritanomaly
18594A

Monochromacy



Original Color
005D28



Achromatopsia
3B3B3B



Achromatomaly
264734

CSS Examples

Text

The CSS property to change the color of the text to Hex 005D28 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 #005D28 looks like.

```
.text, #text, p{  
    color:#005D28  
}
```

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 #005D28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005D28
}
```

Border

The CSS property to change the border of an element to Hex 005D28 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
#005D28 }
```

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

```
.border{ border-color:#005D28 }
```

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

Here you see how a box with a 4 pixel #005D28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005D28; -webkit-box-shadow:4px 4px  
4px 4px #005D28; box-shadow:4px 4px 4px  
4px #005D28 }
```

Background

The CSS property to change the background color of an element to Hex 005D28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005D28 }
```

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

```
.background{ background-color:#005D28 }
```

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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