

Converting Colors

Hex(005D23)

Have a look what the booklet for
Hex(005D23) contains.

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Color

Hex(005D23)

Conversions

Conversions Part 1

Format	Color
Hex	005D23
RGB	0, 93, 35
RGB Percent	0%, 36%, 14%
CMY	1.0000, 0.6353, 0.8627
CMYK	1.00, 0.00, 0.62, 0.64
HSL	143°, 100%, 18%
HSV	143°, 100%, 36%
XYZ	4.2177, 7.9501, 2.9023
YIQ	58.5810, -36.8100, -37.7540

Conversions

Conversions Part 2

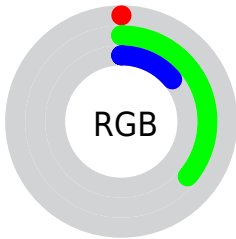
Format	Color
RYB	0, 68, 93
Decimal	23843
CIELab	33.88, -37.98, 26.25
CIELCh	34, 46.168, 145.343
Yxy	7.9501, 0.2799, 0.5275
Android (android.graphics.Color)	4278213923 (0xFF005D23)
YUV	58.5810, -11.6254, -51.3755
Hunter-Lab	28.1958, -22.6415, 13.6341

Details

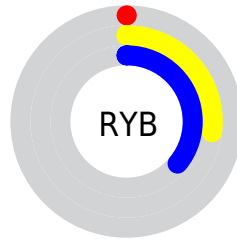
The Hex color **005D23** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5D003A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **439052**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **005D23**, and if you desaturate by 10%, it is **095D29**.

Distribution



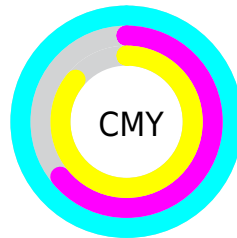
- Red (0%)
- Green (36%)
- Blue (14%)



- Red (0%)
- Yellow (27%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005D23 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 005D23 by changing the saturation by 10% instead.

 005D23

 005D23

FFFFFF

 00450C

 439052

 002E00

 5EAB6A

 001600

 79C784

 000000

 94E39E

 B0FFB9

 CDFFD5

 EAFFF2

 005D23

 095D29

 135D2F

 1C5D34

 255D3A

 2F5D40

 385D46

 415D4C

 4A5D51

 545D57

Harmonies

Analogous

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



425700



005D23



006049

Triad

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



005D23



005699



8F2D33

Complementary

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



005D23



5D003A

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.



8D2957



005D23



424892

Square

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



005D23



005D8C



76377A



803D11

Rectangle

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



005D23



006062



76377A



91293F

Sweetspot

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



005D23



547861



3B5D00



273D2F



BDBDBD



3D3D3D

Same Dimension

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



005D23



00782D



005D51



292E2B



006E29



00ED59

Inverse Universe

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



5D003A



78004B



5D000C



2E292C



6E0044



ED0094

Previews

White Background



This preview shows how the Hex color 005D23 looks on a white background.

Color Contrast Check

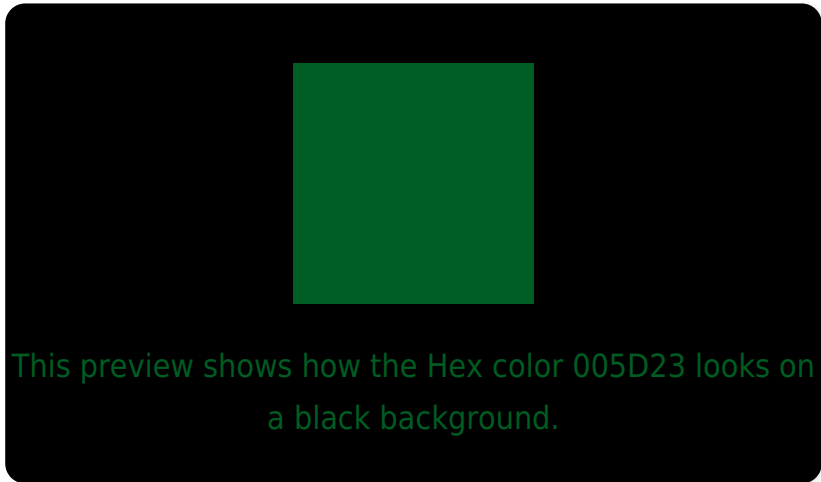
Large Text (above 18pt) WCAG AA ✓ Pass

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 005D23 Background



This preview shows how black text looks on a background with the Hex color 005D23.



This preview shows how white text looks on a background with the Hex color 005D23.

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
005D23

Protanopia
59501F

Deuteranopia
624C28

Trichromacy



Original Color
005D23



Protanomaly
395520



Deuteranomaly
3E5226



Tritanomaly
185949

Monochromacy



Original Color
005D23



Achromatopsia
3B3B3B



Achromatomaly
264732

CSS Examples

Text

The CSS property to change the color of the text to Hex 005D23 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 #005D23 looks like.

```
.text, #text, p{  
    color:#005D23  
}
```

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 #005D23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005D23
}
```

Border

The CSS property to change the border of an element to Hex 005D23 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
#005D23 }
```

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

```
.border{ border-color:#005D23 }
```

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

Here you see how a box with a 4 pixel #005D23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005D23; -webkit-box-shadow:4px 4px  
4px 4px #005D23; box-shadow:4px 4px 4px  
4px #005D23 }
```

Background

The CSS property to change the background color of an element to Hex 005D23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005D23 }
```

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

```
.background{ background-color:#005D23 }
```

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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