

Converting Colors

Hex(005D5B)

Have a look what the booklet for
Hex(005D5B) contains.

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Color

Hex(005D5B)

Conversions

Conversions Part 1

Format	Color
Hex	005D5B
RGB	0, 93, 91
RGB Percent	0%, 36%, 36%
CMY	1.0000, 0.6353, 0.6431
CMYK	1.00, 0.00, 0.02, 0.64
HSL	179°, 100%, 18%
HSV	179°, 100%, 36%
XYZ	5.8027, 8.5840, 11.2486
YIQ	64.9650, -54.7860, -20.3380

Conversions

Conversions Part 2

Format	Color
RYB	0, 47, 93
Decimal	23899
CIELab	35.17, -23.68, -5.62
CIELCh	35, 24.342, 193.347
Yxy	8.5840, 0.2264, 0.3349
Android (android.graphics.Color)	4278213979 (0xFF005D5B)
YUV	64.9650, 12.8353, -56.9743
Hunter-Lab	29.2985, -15.9198, -2.2542

Details

The Hex color **005D5B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5D0002**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **46908D**, and **002E2D** is the 20% darker color. If you saturate the color by 10%, you get **005D5B**, and if you desaturate by 10%, it is **095D5B**.

Distribution



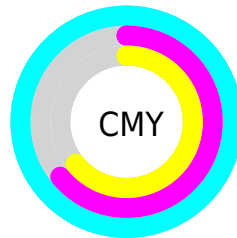
- Red (0%)
- Green (36%)
- Blue (36%)



- Red (0%)
- Yellow (18%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (64%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 005D5B 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 005D5B by changing the saturation by 10% instead.

 005D5B

 005D5B

FFFFFF

 004544

 46908D

 002E2D

 61AAA7

 001B19

 7CC6C3

 000000

 98E2DE

 B4FFFB

 D0FFFF

 EDFFFF

 005D5B

■ 095D5B

■ 135D5B

■ 1C5D5C

■ 255D5C

■ 2F5D5C

■ 385D5C

■ 415D5C

■ 4A5D5D

■ 545D5D

Harmonies

Analogous

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



275C47



005D5B



005C6D

Triad

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



005D5B



604A6F



684E2E

Complementary

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



005D5B



5D0002

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.



754739



005D5B



72455E

Square

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



005D5B



445278



78434B



57542C

Rectangle

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



005D5B



0F5975



78434B



6D4B30

Sweetspot

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



005D5B



547877



035D00



273D3D



BDBDBD



3D3D3D

Same Dimension

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



005D5B



007875



00325D



292E2E



006E6B



00EDE8

Inverse Universe

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



5D0002



780003



5D2B00



2E2929



6E0002



ED0005

Previews

White Background



This preview shows how the Hex color 005D5B looks on a white background.

Color Contrast Check

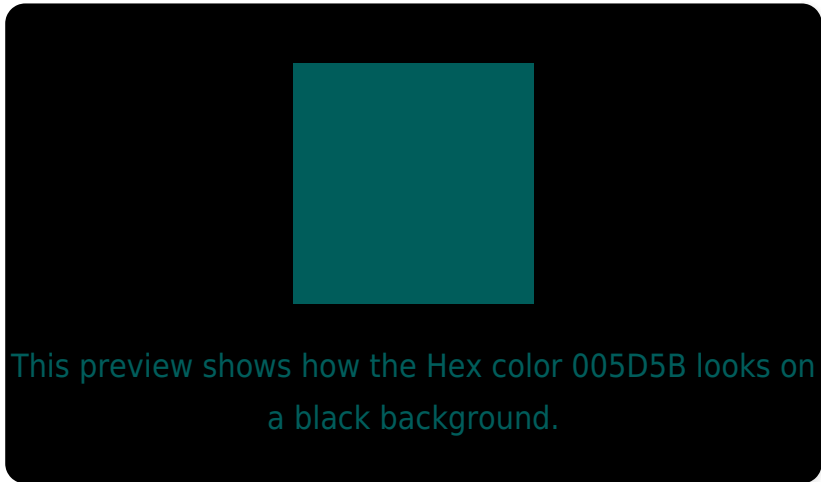
Large Text (above 18pt) WCAG AA ✓ Pass

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

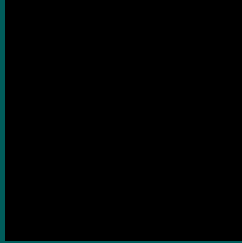
Any Text WCAG AA × Fail

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 005D5B Background



This preview shows how black text looks on a background with the Hex color 005D5B.



This preview shows how white text looks on a background with the Hex color 005D5B.

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
005D5B

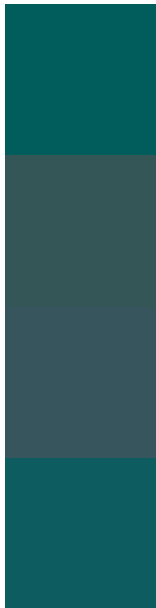
Protanopia
545255

Deuteranopia
56515E



Tritanopia
135C63

Trichromacy



Original Color
005D5B

Protanomaly
355657

Deuteranomaly
37555D

Tritanomaly
0C5C60

Monochromacy



Original Color
005D5B

Achromatopsia
414141

Achromatomaly
294B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 005D5B 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 #005D5B looks like.

```
.text, #text, p{  
    color:#005D5B  
}
```

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 #005D5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005D5B
}
```

Border

The CSS property to change the border of an element to Hex 005D5B 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
#005D5B }
```

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

```
.border{ border-color:#005D5B }
```

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

Here you see how a box with a 4 pixel #005D5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005D5B; -webkit-box-shadow:4px 4px  
4px 4px #005D5B; box-shadow:4px 4px 4px  
4px #005D5B }
```

Background

The CSS property to change the background color of an element to Hex 005D5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005D5B }
```

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

```
.background{ background-color:#005D5B }
```

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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