

Converting Colors

Hex(005D5A)

Have a look what the booklet for
Hex(005D5A) contains.

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Color

Hex(005D5A)

Conversions

Conversions Part 1

Format	Color
Hex	005D5A
RGB	0, 93, 90
RGB Percent	0%, 36%, 35%
CMY	1.0000, 0.6353, 0.6471
CMYK	1.00, 0.00, 0.03, 0.64
HSL	178°, 100%, 18%
HSV	178°, 100%, 36%
XYZ	5.7598, 8.5669, 11.0229
YIQ	64.8510, -54.4650, -20.6490

Conversions

Conversions Part 2

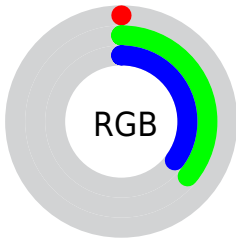
Format	Color
RYB	0, 47, 93
Decimal	23898
CIELab	35.14, -24.02, -5.05
CIELCh	35, 24.548, 191.862
Yxy	8.5669, 0.2272, 0.3380
Android (android.graphics.Color)	4278213978 (0xFF005D5A)
YUV	64.8510, 12.3985, -56.8743
Hunter-Lab	29.2692, -16.0947, -1.8403

Details

The Hex color **005D5A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5D0003**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **45908C**, and **002E2D** is the 20% darker color. If you saturate the color by 10%, you get **005D5A**, and if you desaturate by 10%, it is **095D5A**.

Distribution



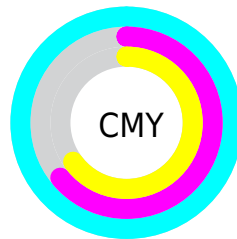
- Red (0%)
- Green (36%)
- Blue (35%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005D5A 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 005D5A by changing the saturation by 10% instead.

 005D5A

 005D5A

FFFFFF

 004543

 45908C

 002E2D

 61AAA6

 001B18

 7CC6C1

 000000

 97E2DD

 B3FFFA

 D0FFFF

 EDFFFF

 005D5A

■ 095D5A

■ 135D5B

■ 1C5D5B

■ 255D5B

■ 2F5D5C

■ 385D5C

■ 415D5C

■ 4A5D5C

■ 545D5D

Harmonies

Analogous

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



285C46



005D5A



005C6C

Triad

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



005D5A



5F4B70



694D2D

Complementary

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



005D5A



5D0003

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



005D5A



71455F

Square

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



005D5A



425279



78434C



58542C

Rectangle

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



005D5A



0A5A75



78434C



6E4B31

Sweetspot

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



005D5A



547877



035D00



273D3C



BDBDBD



3D3D3D

Same Dimension

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



005D5A



007874



00325D



292E2E



006E6A



00EDE6

Inverse Universe

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



5D0003



780004



5D2B00



2E2929



6E0004



ED0008

Previews

White Background



This preview shows how the Hex color 005D5A looks on a white background.

Color Contrast Check

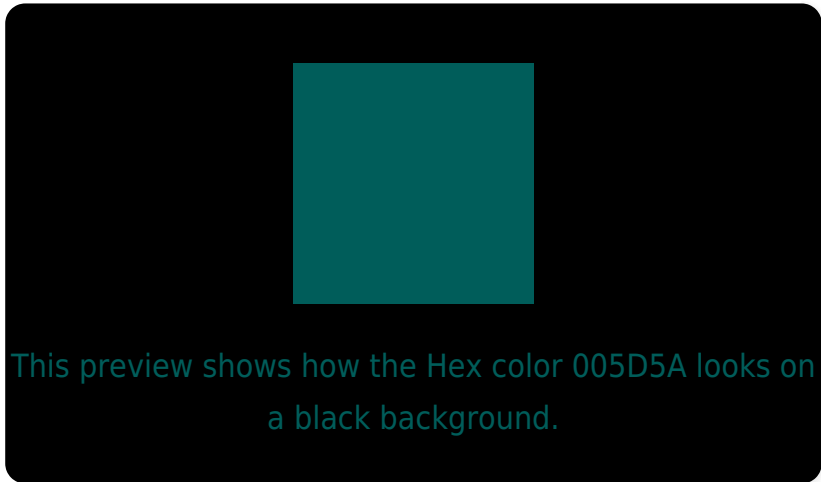
Large Text (above 18pt) WCAG AA ✓ Pass

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

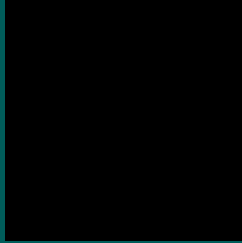
Any Text WCAG AA × Fail

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 005D5A Background



This preview shows how black text looks on a background with the Hex color 005D5A.

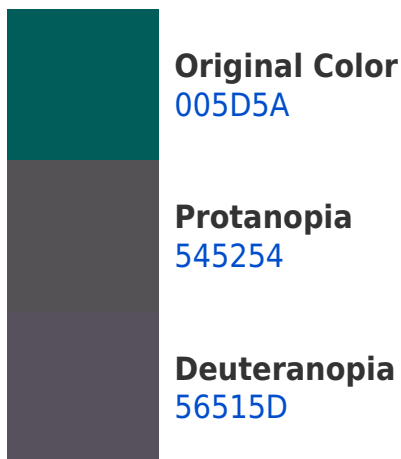



This preview shows how white text looks on a background with the Hex color 005D5A.

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](#).

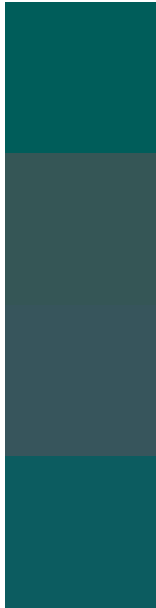
Dichromacy





Tritanopia
135C63

Trichromacy



Original Color
005D5A

Protanomaly
355656

Deuteranomaly
37555C

Tritanomaly
0C5C60

Monochromacy



Original Color
005D5A

Achromatopsia
414141

Achromatomaly
294B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 005D5A 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 #005D5A looks like.

```
.text, #text, p{  
    color:#005D5A  
}
```

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 #005D5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005D5A
}
```

Border

The CSS property to change the border of an element to Hex 005D5A 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
#005D5A }
```

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

```
.border{ border-color:#005D5A }
```

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

Here you see how a box with a 4 pixel #005D5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005D5A; -webkit-box-shadow:4px 4px  
4px 4px #005D5A; box-shadow:4px 4px 4px  
4px #005D5A }
```

Background

The CSS property to change the background color of an element to Hex 005D5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005D5A }
```

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

```
.background{ background-color:#005D5A }
```

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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