

Converting Colors

Hex(005141)

Have a look what the booklet for
Hex(005141) contains.

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Color

Hex(005141)

Conversions

Conversions Part 1

Format	Color
Hex	005141
RGB	0, 81, 65
RGB Percent	0%, 32%, 25%
CMY	1.0000, 0.6824, 0.7451
CMYK	1.00, 0.00, 0.20, 0.68
HSL	168°, 100%, 16%
HSV	168°, 100%, 32%
XYZ	3.8966, 6.2665, 6.0052
YIQ	54.9570, -43.1400, -22.1480

Conversions

Conversions Part 2

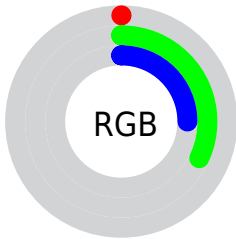
Format	Color
RYB	0, 45, 81
Decimal	20801
CIELab	30.08, -26.19, 3.31
CIELCh	30, 26.403, 172.797
Yxy	6.2665, 0.2410, 0.3876
Android (android.graphics.Color)	4278210881 (0xFF005141)
YUV	54.9570, 4.9512, -48.1973
Hunter-Lab	25.0330, -16.0230, 3.2999

Details

The Hex color **005141** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **510010**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **3F8371**, and **002417** is the 20% darker color. If you saturate the color by 10%, you get **005141**, and if you desaturate by 10%, it is **085143**.

Distribution



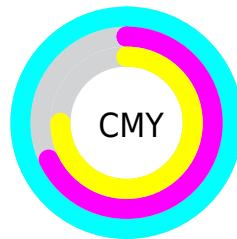
- Red (0%)
- Green (32%)
- Blue (25%)



- Red (0%)
- Yellow (18%)
- Blue (32%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (68%)



- Cyan (100%)
- Magenta (68%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005141 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 005141 by changing the saturation by 10% instead.

 005141

 005141

FFFFFF

 003A2B

 3F8371

 002417

 5A9D8A

 000100

 74B8A4

 000000

 8FD4C0

 ABF1DB

 C7FFF8

 E3FFFF

 005141

■ 085143

■ 105144

■ 185146

■ 205147

■ 295149

■ 31514B

■ 39514C

■ 41514E

■ 49514F

Harmonies

Analogous

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



2B4F2D



005141



005156

Triad

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



005141



41436D



663C27

Complementary

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



005141



510010

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.



6D3738



005141



5B3B60

Square

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



005141



144A6F



6A364D



57441D

Rectangle

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



005141



005062



6A364D



6A3A2C

Sweetspot

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



005141



496962



105100



223632



B5B5B5



363636

Same Dimension

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



005141



006954



003951



252928



00E8BA

Inverse Universe

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



510010



690015



511800



292526



E8002E

Previews

White Background



This preview shows how the Hex color 005141 looks on a white background.

Color Contrast Check

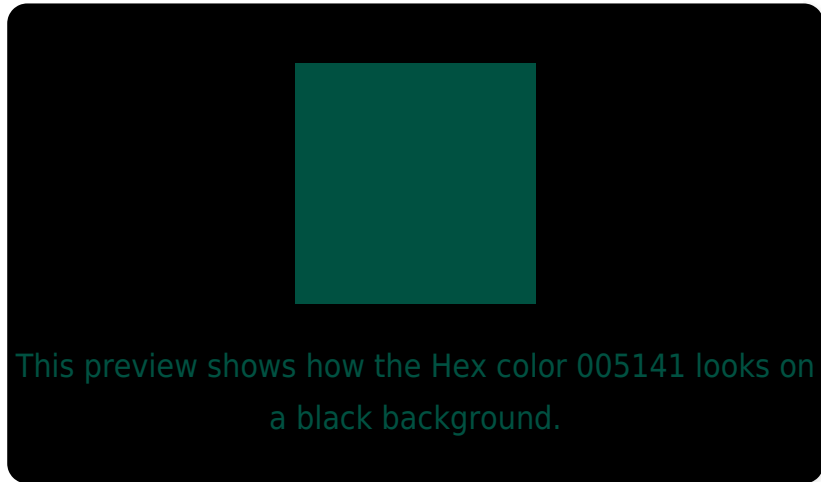
Large Text (above 18pt) WCAG AA ✓ Pass

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

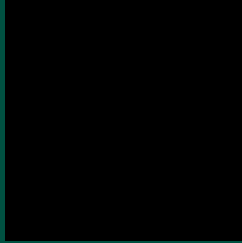
Any Text WCAG AA × Fail

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 005141 Background



This preview shows how black text looks on a background with the Hex color 005141.



This preview shows how white text looks on a background with the Hex color 005141.

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](#).

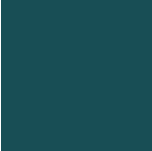
Dichromacy



Original Color
005141

Protanopia
4B473C

Deuteranopia
4F4544



Tritanopia
184E55

Trichromacy



Original Color
005141

Protanomaly
304B3E

Deuteranomaly
324943

Tritanomaly
0F4F4E

Monochromacy



Original Color
005141

Achromatopsia
373737

Achromatomaly
23403B

CSS Examples

Text

The CSS property to change the color of the text to Hex 005141 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 #005141 looks like.

```
.text, #text, p{  
    color:#005141  
}
```

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 #005141 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005141
}
```

Border

The CSS property to change the border of an element to Hex 005141 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
#005141 }
```

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

```
.border{ border-color:#005141 }
```

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

Here you see how a box with a 4 pixel #005141 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005141; -webkit-box-shadow:4px 4px  
4px 4px #005141; box-shadow:4px 4px 4px  
4px #005141 }
```

Background

The CSS property to change the background color of an element to Hex 005141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005141 }
```

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

```
.background{ background-color:#005141 }
```

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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