

Converting Colors

Hex(005142)

Have a look what the booklet for
Hex(005142) contains.

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Color

Hex(005142)

Conversions

Conversions Part 1

Format	Color
Hex	005142
RGB	0, 81, 66
RGB Percent	0%, 32%, 26%
CMY	1.0000, 0.6824, 0.7412
CMYK	1.00, 0.00, 0.19, 0.68
HSL	169°, 100%, 16%
HSV	169°, 100%, 32%
XYZ	3.9258, 6.2782, 6.1592
YIQ	55.0710, -43.4610, -21.8370

Conversions

Conversions Part 2

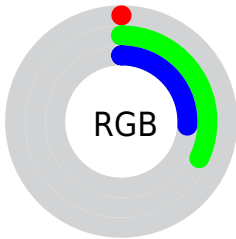
Format	Color
RYB	0, 45, 81
Decimal	20802
CIELab	30.10, -25.89, 2.71
CIELCh	30, 26.030, 174.013
Yxy	6.2782, 0.2399, 0.3837
Android (android.graphics.Color)	4278210882 (0xFF005142)
YUV	55.0710, 5.3880, -48.2973
Hunter-Lab	25.0564, -15.8814, 2.9652

Details

The Hex color **005142** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **51000F**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **3F8372**, and **002417** is the 20% darker color. If you saturate the color by 10%, you get **005142**, and if you desaturate by 10%, it is **085144**.

Distribution



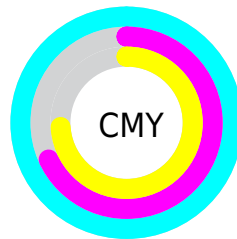
- Red (0%)
- Green (32%)
- Blue (26%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (68%)



- Cyan (100%)
- Magenta (68%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005142 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 005142 by changing the saturation by 10% instead.

 005142

 005142

FFFFFF

 003A2C

 3F8372

 002417

 5A9D8B

 000100

 74B8A6

 000000

 8FD4C1

 ABF1DD

 C7FFF9

 E3FFFF

 005142

■ 085144

■ 105145

■ 185147

■ 205148

■ 29514A

■ 31514B

■ 39514D

■ 41514E

■ 495150

Harmonies

Analogous

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



2B4F2E



005142



005157

Triad

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



005142



42436C



663D27

Complementary

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



005142



51000F

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



005142



5C3B5F

Square

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



005142



194A6F



6A364C



57441E

Rectangle

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



005142



005062



6A364C



693B2C

Sweetspot

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



005142



496963



105100



223632



B5B5B5



363636

Same Dimension

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



005142



006955



003951



252928



00E8BD

Inverse Universe

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



51000F



690013



511800



292525



E8002B

Previews

White Background



This preview shows how the Hex color 005142 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

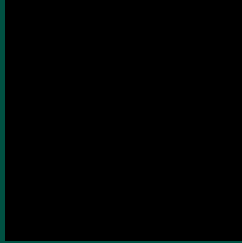
Any Text WCAG AA × Fail

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 005142 Background



This preview shows how black text looks on a background with the Hex color 005142.



This preview shows how white text looks on a background with the Hex color 005142.

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](#).

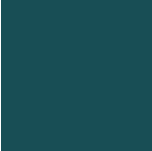
Dichromacy



Original Color
005142

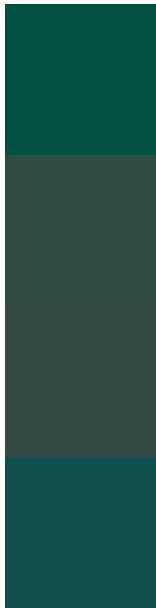
Protanopia
4B473D

Deuteranopia
4F4545



Tritanopia
184E55

Trichromacy



Original Color
005142

Protanomaly
304B3F

Deuteranomaly
324944

Tritanomaly
0F4F4E

Monochromacy



Original Color
005142

Achromatopsia
373737

Achromatomaly
23403B

CSS Examples

Text

The CSS property to change the color of the text to Hex 005142 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 #005142 looks like.

```
.text, #text, p{  
    color:#005142  
}
```

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 #005142 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005142
}
```

Border

The CSS property to change the border of an element to Hex 005142 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
#005142 }
```

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

```
.border{ border-color:#005142 }
```

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

Here you see how a box with a 4 pixel #005142 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005142; -webkit-box-shadow:4px 4px  
4px 4px #005142; box-shadow:4px 4px 4px  
4px #005142 }
```

Background

The CSS property to change the background color of an element to Hex 005142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005142 }
```

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

```
.background{ background-color:#005142 }
```

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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