

Converting Colors

Hex(005552)

Have a look what the booklet for
Hex(005552) contains.

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Color

Hex(005552)

Conversions

Conversions Part 1

Format	Color
Hex	005552
RGB	0, 85, 82
RGB Percent	0%, 33%, 32%
CMY	1.0000, 0.6667, 0.6784
CMYK	1.00, 0.00, 0.04, 0.67
HSL	178°, 100%, 17%
HSV	178°, 100%, 33%
XYZ	4.7715, 7.1062, 9.1028
YIQ	59.2430, -49.6970, -18.9530

Conversions

Conversions Part 2

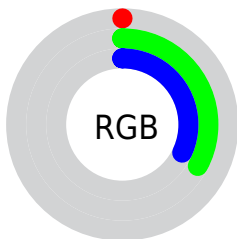
Format	Color
R_{YB}	0, 43, 85
Decimal	21842
CIE _{Lab}	32.05, -22.65, -4.61
CIE _{LCh}	32, 23.117, 191.506
Yxy	7.1062, 0.2274, 0.3387
Android (android.graphics.Color)	4278211922 (0xFF005552)
YUV	59.2430, 11.2192, -51.9561
Hunter-Lab	26.6574, -14.7003, -1.5857

Details

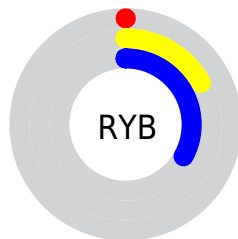
The Hex color **005552** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **550003**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **428783**, and **002725** is the 20% darker color. If you saturate the color by 10%, you get **005552**, and if you desaturate by 10%, it is **085552**.

Distribution



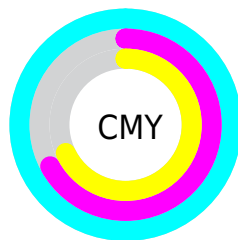
- Red (0%)
- Green (33%)
- Blue (32%)



- Red (0%)
- Yellow (17%)
- Blue (33%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (67%)



- Cyan (100%)
- Magenta (67%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005552 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 005552 by changing the saturation by 10% instead.

 005552

 005552

FFFFFF

 003D3B

 428783

 002725

 5DA29D

 000E11

 78BDB8

 000000

 93D9D4

 AFF5F0

 CBFFFF

 E8FFFF

 005552

■ 085552

■ 115553

■ 195553

■ 225553

■ 2A5553

■ 335554

■ 3B5554

■ 445554

■ 4C5555

Harmonies

Analogous

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



24543F



005552



005463

Triad

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



005552



564467



614629

Complementary

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



005552



550003

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.



6B4034



005552



673F57

Square

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



005552



3C4B6F



6E3D45



504D27

Rectangle

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



005552



07526B



6E3D45



65442C

Sweetspot

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



005552



4D6E6C



045500



243837



B8B8B8



383838

Same Dimension

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



005552



006E6A



002F55



272B2B



006B67



00EBE2

Inverse Universe

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



550003



6E0004



552600



2B2727



6B0004



EB0008

Previews

White Background



This preview shows how the Hex color 005552 looks on a white background.

Color Contrast Check

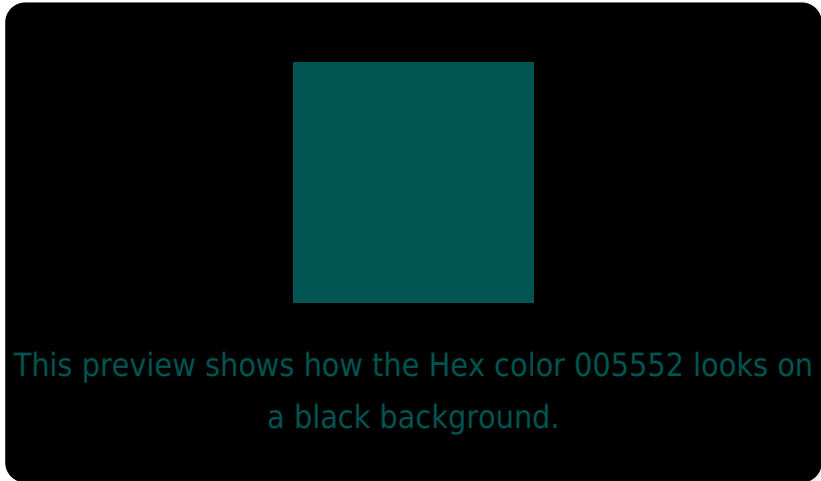
Large Text (above 18pt) WCAG AA ✓ Pass

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

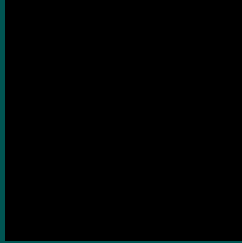
Any Text WCAG AA × Fail

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 005552 Background



This preview shows how black text looks on a background with the Hex color 005552.



This preview shows how white text looks on a background with the Hex color 005552.

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
005552

Protanopia
4D4B4C

Deuteranopia
4F4A55



Tritanopia
12545B

Trichromacy



Original Color
005552

Protanomaly
314F4E

Deuteranomaly
324E54

Tritanomaly
0B5458

Monochromacy



Original Color
005552

Achromatopsia
3B3B3B

Achromatomaly
264443

CSS Examples

Text

The CSS property to change the color of the text to Hex 005552 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 #005552 looks like.

```
.text, #text, p{  
    color:#005552  
}
```

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 #005552 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005552
}
```

Border

The CSS property to change the border of an element to Hex 005552 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
#005552 }
```

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

```
.border{ border-color:#005552 }
```

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

Here you see how a box with a 4 pixel #005552 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005552; -webkit-box-shadow:4px 4px  
4px 4px #005552; box-shadow:4px 4px 4px  
4px #005552 }
```

Background

The CSS property to change the background color of an element to Hex 005552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005552 }
```

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

```
.background{ background-color:#005552 }
```

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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