

Converting Colors

Hex(005362)

Have a look what the booklet for
Hex(005362) contains.

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Color

Hex(005362)

Conversions

Conversions Part 1

Format	Color
Hex	005362
RGB	0, 83, 98
RGB Percent	0%, 33%, 38%
CMY	1.0000, 0.6745, 0.6157
CMYK	1.00, 0.15, 0.00, 0.62
HSL	189°, 100%, 19%
HSV	189°, 100%, 38%
XYZ	5.2979, 7.0684, 12.6404
YIQ	59.8930, -54.2830, -12.9310

Conversions

Conversions Part 2

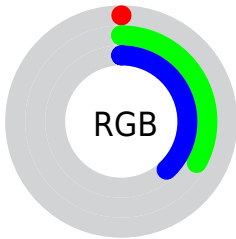
Format	Color
RYB	0, 45, 98
Decimal	21346
CIELab	31.96, -15.74, -14.87
CIELCh	32, 21.653, 223.382
Yxy	7.0684, 0.2119, 0.2827
Android (android.graphics.Color)	4278211426 (0xFF005362)
YUV	59.8930, 18.7868, -52.5262
Hunter-Lab	26.5864, -10.9565, -9.5787

Details

The Hex color **005362** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **620F00**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **458595**, and **002634** is the 20% darker color. If you saturate the color by 10%, you get **005362**, and if you desaturate by 10%, it is **0A5562**.

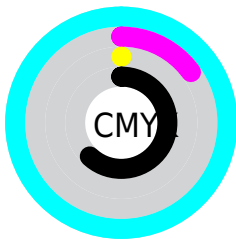
Distribution



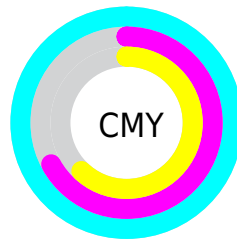
- Red (0%)
- Green (33%)
- Blue (38%)



- Red (0%)
- Yellow (18%)
- Blue (38%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (67%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005362 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 005362 by changing the saturation by 10% instead.

 005362

 005362

FFFFFF

 003C4A

 458595

 002634

 609FAF

 000F1F

 7BBACB

 000002

 97D6E7

 000000

 B3F2FF

 CFFFFFF

 EFFFFFF

 005362

■ 0A5562

■ 145662

■ 1D5862

■ 275962

■ 315B62

■ 3B5C62

■ 455E62

■ 4E5F62

■ 586162

Harmonies

Analogous

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



0B5452



005362



21506B

Triad

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



005362



663F55



4F4D2A

Complementary

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



005362



620F00

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.



5E472B



005362



6C3E44

Square

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



005362



574464



694135



3C5132

Rectangle

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



005362



354C6D



694135



544B29

Sweetspot

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



005362



597A80



00620F



293C40



BFBFBF



404040

Same Dimension

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



005362



006C80



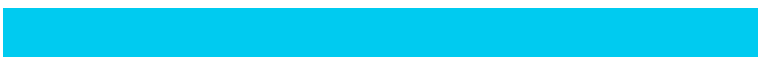
002262



2C3030



005F70



00CBF0

Inverse Universe

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



620053



80006C



624000



302C30



70005F



F000CB

Previews

White Background



This preview shows how the Hex color 005362 looks on a white background.

Color Contrast Check

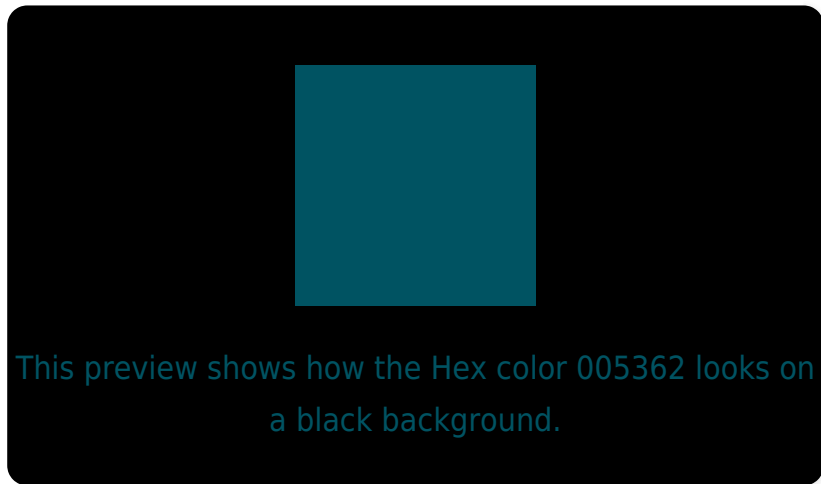
Large Text (above 18pt) WCAG AA ✓ Pass

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

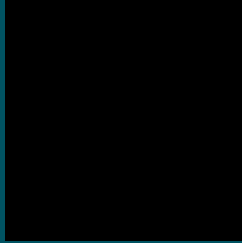
Any Text WCAG AA × Fail

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 005362 Background



This preview shows how black text looks on a background with the Hex color 005362.



This preview shows how white text looks on a background with the Hex color 005362.

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
005362

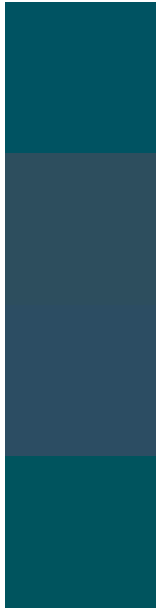
Protanopia
474B5C

Deuteranopia
454A64



Tritanopia
00545B

Trichromacy



Original Color
005362

Protanomaly
2D4E5E

Deuteranomaly
2C4D63

Tritanomaly
00545E

Monochromacy



Original Color
005362

Achromatopsia
3C3C3C

Achromatomaly
26444A

CSS Examples

Text

The CSS property to change the color of the text to Hex 005362 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 #005362 looks like.

```
.text, #text, p{  
    color:#005362  
}
```

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 #005362 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005362
}
```

Border

The CSS property to change the border of an element to Hex 005362 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
#005362 }
```

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

```
.border{ border-color:#005362 }
```

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

Here you see how a box with a 4 pixel #005362 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005362; -webkit-box-shadow:4px 4px  
4px 4px #005362; box-shadow:4px 4px 4px  
4px #005362 }
```

Background

The CSS property to change the background color of an element to Hex 005362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005362 }
```

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

```
.background{ background-color:#005362 }
```

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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