

Converting Colors

Hex(035166)

Have a look what the booklet for
Hex(035166) contains.

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Color

Hex(035166)

Conversions

Conversions Part 1

Format	Color
Hex	035166
RGB	3, 81, 102
RGB Percent	1%, 32%, 40%
CMY	0.9882, 0.6824, 0.6000
CMYK	0.97, 0.21, 0.00, 0.60
HSL	193°, 94%, 21%
HSV	193°, 97%, 40%
XYZ	5.3783, 6.8635, 13.6117
YIQ	60.0720, -53.2290, -10.0050

Conversions

Conversions Part 2

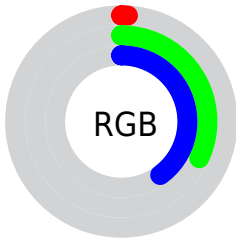
Format	Color
RYB	3, 47, 102
Decimal	217446
CIELab	31.49, -12.76, -18.12
CIElCh	31, 22.159, 234.844
Yxy	6.8635, 0.2080, 0.2655
Android (android.graphics.Color)	4278407526 (0xFF035166)
YUV	60.0720, 20.6705, -50.0521
Hunter-Lab	26.1983, -9.2028, -12.4661

Details

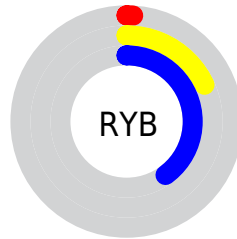
The Hex color **035166** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **661803**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **478299**, and **002437** is the 20% darker color. If you saturate the color by 10%, you get **005066**, and if you desaturate by 10%, it is **0D5366**.

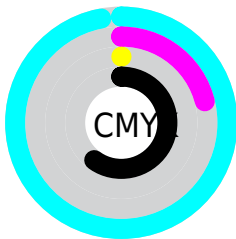
Distribution



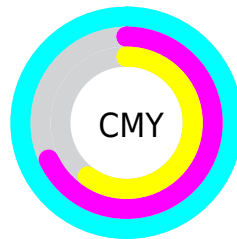
- Red (1%)
- Green (32%)
- Blue (40%)



- Red (1%)
- Yellow (18%)
- Blue (40%)



- Cyan (97%)
- Magenta (21%)
- Yellow (0%)
- Black (60%)



- Cyan (99%)
- Magenta (68%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 035166 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 035166 by changing the saturation by 10% instead.

 035166

 035166

FFFFFF

 003A4E

 478299

 002437

 629CB4

 000C22

 7DB7CF

 000008

 99D3EC

 000000

 B5EFFF

 D1FFFF

 EEEFFF

 035166

 035166

■ 005066

■ 0D5366

■ 175566

■ 225766

■ 2C5A66

■ 365C66

■ 405E66

■ 4A6066

■ 556266

■ 5F6466

Harmonies

Analogous

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



005358



035166



2A4D6C

Triad

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



035166



693D4E



474D2A

Complementary

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



035166



661803

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.



584827



035166



6C3D3C

Square

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



035166



5D405E



65422E



325136

Rectangle

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



035166



3F496C



65422E



4D4C28

Sweetspot

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



035166



5E7C85



036617



2B3D42



C2C2C2



424242

Same Dimension

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



035166



006885



032166



2E3233



005A73



00BFF2

Inverse Universe

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



660351



850068



664803



332E32



73005A



F200BF

Previews

White Background



This preview shows how the Hex color 035166 looks on a white background.

Color Contrast Check

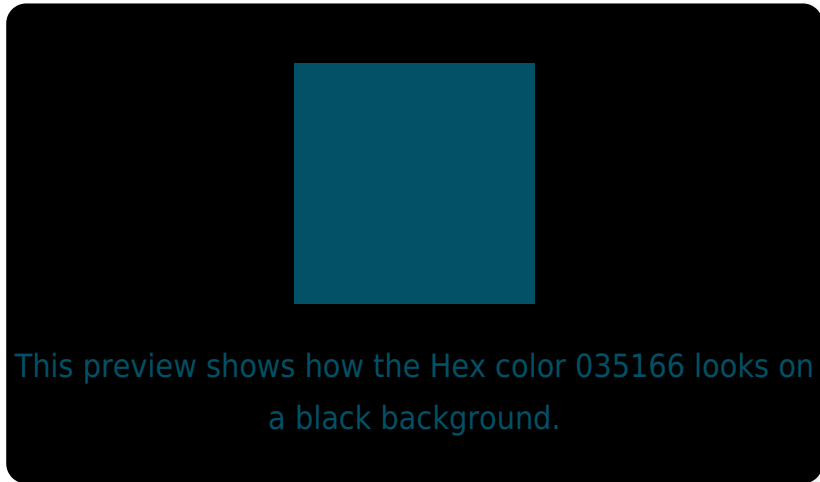
Large Text (above 18pt) WCAG AA ✓ Pass

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

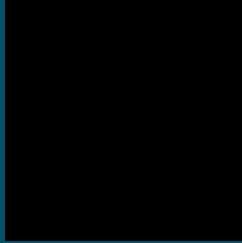
Any Text WCAG AA × Fail

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 035166 Background



This preview shows how black text looks on a background with the Hex color 035166.

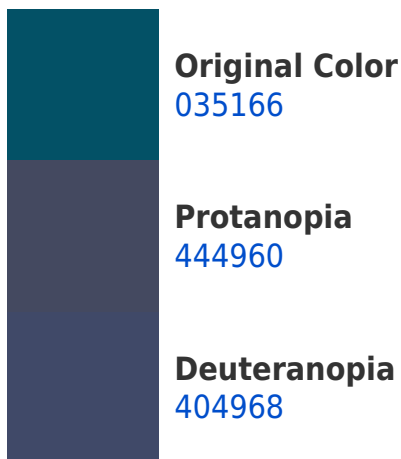


This preview shows how white text looks on a background with the Hex color 035166.

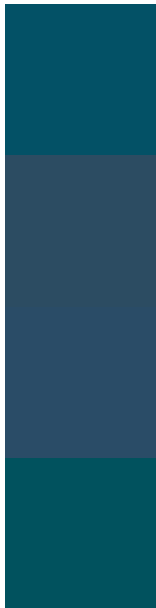
Color Blindness Simulation

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



Trichromacy



Original Color
035166

Protanomaly
2C4C62

Deuteranomaly
2A4C67

Tritanomaly
01525E

Monochromacy



Original Color
035166

Achromatopsia
3C3C3C

Achromatomaly
27444B

CSS Examples

Text

The CSS property to change the color of the text to Hex 035166 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 #035166 looks like.

```
.text, #text, p{  
    color:#035166  
}
```

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 #035166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #035166
}
```

Border

The CSS property to change the border of an element to Hex 035166 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
#035166 }
```

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

```
.border{ border-color:#035166 }
```

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

Here you see how a box with a 4 pixel #035166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #035166; -webkit-box-shadow:4px 4px  
4px 4px #035166; box-shadow:4px 4px 4px  
4px #035166 }
```

Background

The CSS property to change the background color of an element to Hex 035166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#035166 }
```

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

```
.background{ background-color:#035166 }
```

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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