

# Converting Colors

Hex(035260)

Have a look what the booklet for  
Hex(035260) contains.

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# Color

Hex(035260)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	035260
RGB	3, 82, 96
RGB Percent	1%, 32%, 38%
CMY	0.9882, 0.6784, 0.6235
CMYK	0.97, 0.15, 0.00, 0.62
HSL	189°, 94%, 19%
HSV	189°, 97%, 38%
XYZ	5.1662, 6.8985, 12.1256
YIQ	59.9750, -51.5780, -12.3940

# Conversions

## Conversions Part 2

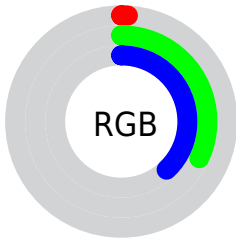
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 46, 96
Decimal	217696
CIE <sub>Lab</sub>	31.57, -15.66, -14.20
CIE <sub>LCh</sub>	32, 21.140, 222.190
Yxy	6.8985, 0.2136, 0.2852
Android (android.graphics.Color)	4278407776 (0xFF035260)
<b>YUV</b>	59.9750, 17.7603, -49.9671
Hunter-Lab	26.2649, -10.8537, -8.9866

# Details

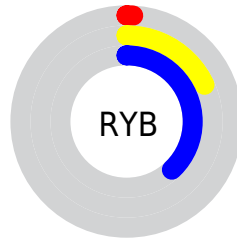
The Hex color **035260** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **601103**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **468493**, and **002532** is the 20% darker color. If you saturate the color by 10%, you get **005260**, and if you desaturate by 10%, it is **0D5360**.

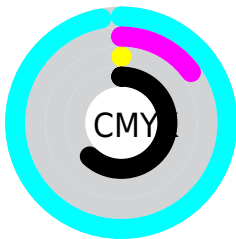
# Distribution



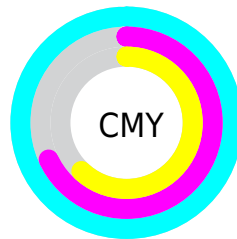
- Red (1%)
- Green (32%)
- Blue (38%)



- Red (1%)
- Yellow (18%)
- Blue (38%)



- Cyan (97%)
- Magenta (15%)
- Yellow (0%)
- Black (62%)



- Cyan (99%)
- Magenta (68%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 035260 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 035260 by changing the saturation by 10% instead.



 035260

 035260

FFFFFF

 003B48

 468493

 002532

 609EAD

 000C1D

 7BB9C8

 000000

 97D4E5

 B3F1FF

 CFFFFFF

 EFFFFFF

 035260

 035260

■ 005260

■ 0D5360

■ 165560

■ 205660

■ 295860

■ 335960

■ 3D5B60

■ 465C60

■ 505E60

■ 595F60

# Harmonies

## Analogous

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



0E5351



035260



204F69

# Triad

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



035260



643F55



4E4B29

# Complementary

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



035260



601103

# 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.



5E462B



035260



6B3D44

# Square

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



035260



554463



684035



3C5031

# Rectangle

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



035260



344C6B



684035



544A29



# Sweetspot

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



035260



59777D



036011



293C40



BFBFBF



404040



# Same Dimension

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



035260



006A7D



032460



2C3030



005F70



00CCF0



# Inverse Universe

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



600352



7D006A



603F03



302C30



70005F



F000CC



# Previews

## White Background



This preview shows how the Hex color 035260 looks on a white background.

### Color Contrast Check

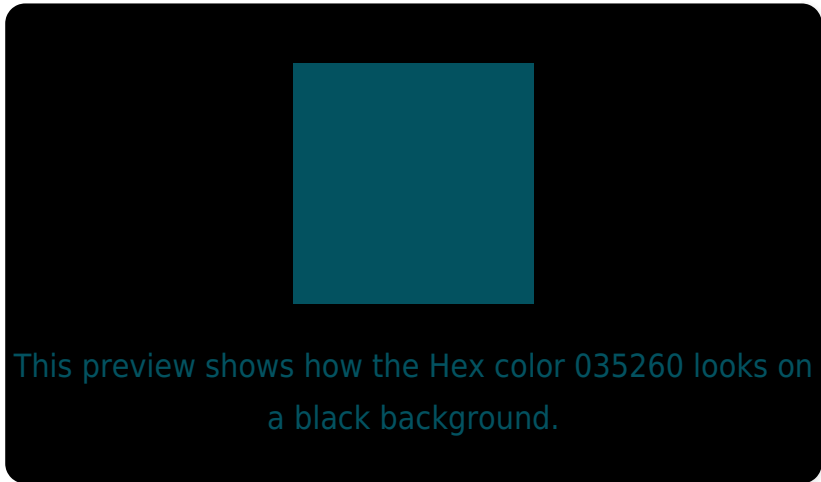
Large Text (above 18pt) WCAG AA ✓ Pass

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

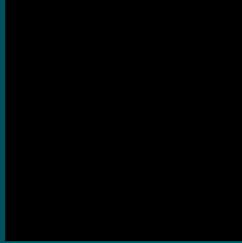
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 035260 Background



This preview shows how black text looks on a background with the Hex color 035260.



This preview shows how white text looks on a background with the Hex color 035260.

# 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



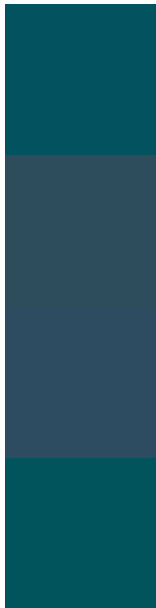
**Original Color**  
035260

**Protanopia**  
474A5A

**Deuteranopia**  
454962



# Trichromacy



**Original Color**  
035260

**Protanomaly**  
2E4D5C

**Deuteranomaly**  
2D4C61

**Tritanomaly**  
01535C

# Monochromacy



**Original Color**  
035260

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
274449

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 035260 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 #035260 looks like.

```
.text, #text, p{  
    color:#035260  
}
```

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 #035260 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #035260
}
```

## Border

The CSS property to change the border of an element to Hex 035260 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
#035260 }
```

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

```
.border{ border-color:#035260 }
```

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

Here you see how a box with a 4 pixel #035260 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #035260; -webkit-box-shadow:4px 4px  
4px 4px #035260; box-shadow:4px 4px 4px  
4px #035260 }
```

# Background

The CSS property to change the background color of an element to Hex 035260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#035260 }
```

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

```
.background{ background-color:#035260 }
```

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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