

# Converting Colors

Hex(025258)

Have a look what the booklet for  
Hex(025258) contains.

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# Color

Hex(025258)

# Conversions

## Conversions Part 1

Format	Color
Hex	025258
RGB	2, 82, 88
RGB Percent	1%, 32%, 35%
CMY	0.9922, 0.6784, 0.6549
CMYK	0.98, 0.07, 0.00, 0.65
HSL	184°, 96%, 18%
HSV	184°, 98%, 35%
XYZ	4.8038, 6.7521, 10.2826
YIQ	58.7640, -49.6060, -15.0940

# Conversions

## Conversions Part 2

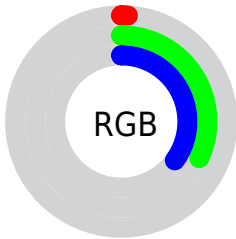
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	2, 43, 88
Decimal	152152
CIE Lab	31.24, -18.74, -9.64
CIE LCh	31, 21.071, 207.215
Yxy	6.7521, 0.2200, 0.3092
Android (android.graphics.Color)	4278342232 (0xFF025258)
YUV	58.7640, 14.4133, -49.7820
Hunter-Lab	25.9848, -12.4742, -5.2727

# Details

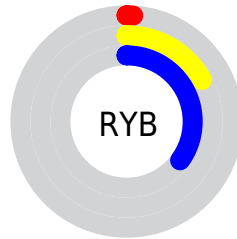
The Hex color **025258** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **580802**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **44848A**, and **00252B** is the 20% darker color. If you saturate the color by 10%, you get **005258**, and if you desaturate by 10%, it is **0B5358**.

# Distribution



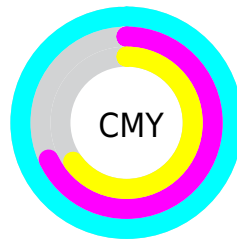
- Red (1%)
- Green (32%)
- Blue (35%)



- Red (1%)
- Yellow (17%)
- Blue (35%)



- Cyan (98%)
- Magenta (7%)
- Yellow (0%)
- Black (65%)



- Cyan (99%)
- Magenta (68%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 025258 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 025258 by changing the saturation by 10% instead.



025258

025258

FFFFFF

003B41

44848A

00252B

5E9EA4

000A17

79B9BF

000000

94D5DB

B0F1F8

CDFFFF

E9FFFF

025258

025258

■ 005258

■ 0B5358

■ 145358

■ 1C5458

■ 255458

■ 2E5558

■ 375658

■ 405658

■ 485758

■ 515858

# Harmonies

## Analogous

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



1B5247



025258



105065

# Triad

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



025258



5D405C



564828

# Complementary

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



025258



580802

# 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.



63422E



025258



683D4C

# Square

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



025258



494667



693E3B



454D2C

# Rectangle

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



025258



254D69



693E3B



5B4629



# Sweetspot

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



025258



517073



025808



26393B



BABABA



3B3B3B



# Same Dimension

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



025258



006B73



022758



272B2B



00646B



00DAEB



# Inverse Universe

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



580252



73006B



583302



2B272B



6B0064



EB00DA



# Previews

## White Background



This preview shows how the Hex color 025258 looks on a white background.

## Color Contrast Check

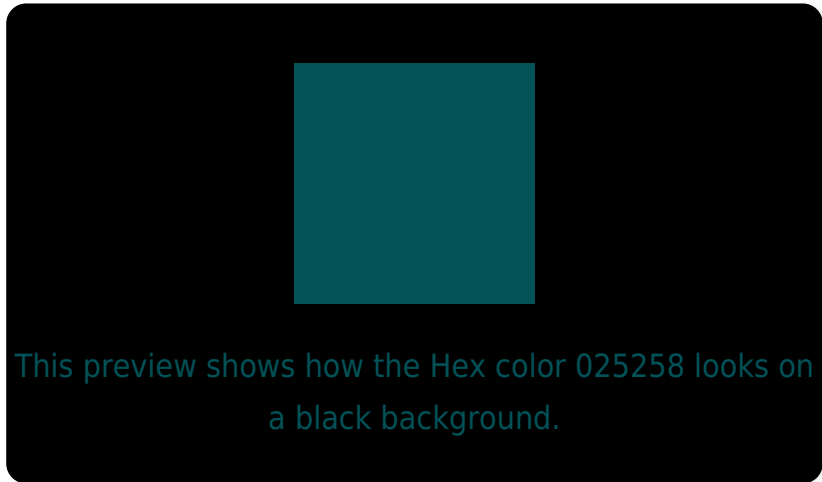
Large Text (above 18pt) WCAG AA ✓ Pass

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

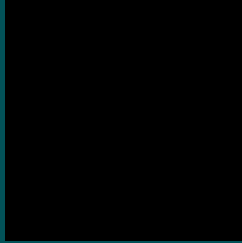
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 025258 Background



This preview shows how black text looks on a background with the Hex color 025258.



This preview shows how white text looks on a background with the Hex color 025258.

# 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**  
025258

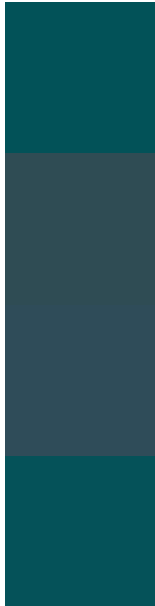
**Protanopia**  
484952

**Deuteranopia**  
49485A



**Tritanopia**  
065259

# Trichromacy



**Original Color**  
025258

**Protanomaly**  
2F4C54

**Deuteranomaly**  
2F4C59

**Tritanomaly**  
055259

# Monochromacy



**Original Color**  
025258

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
264346

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 025258 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 #025258 looks like.

```
.text, #text, p{  
    color:#025258  
}
```

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 #025258 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #025258
}
```

## Border

The CSS property to change the border of an element to Hex 025258 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
#025258 }
```

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

```
.border{ border-color:#025258 }
```

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

Here you see how a box with a 4 pixel #025258 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #025258; -webkit-box-shadow:4px 4px  
4px 4px #025258; box-shadow:4px 4px 4px  
4px #025258 }
```

# Background

The CSS property to change the background color of an element to Hex 025258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#025258 }
```

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

```
.background{ background-color:#025258 }
```

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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