

Converting Colors

Hex(025864)

Have a look what the booklet for
Hex(025864) contains.

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Color

Hex(025864)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 025864 |
| RGB | 2, 88, 100 |
| RGB Percent | 1%, 35%, 39% |
| CMY | 0.9922, 0.6549, 0.6078 |
| CMYK | 0.98, 0.12, 0.00, 0.61 |
| HSL | 187°, 96%, 20% |
| HSV | 187°, 98%, 39% |
| XYZ | 5.8150, 7.9125, 13.2774 |
| YIQ | 63.6540, -55.1080, -14.5000 |

Conversions

Conversions Part 2

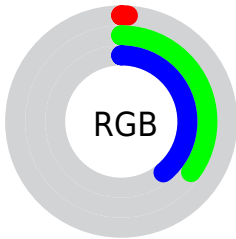
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 2, 48, 100 |
| Decimal | 153700 |
| CIELab | 33.80, -17.64, -13.32 |
| CIELCh | 34, 22.098, 217.054 |
| Yxy | 7.9125, 0.2153, 0.2930 |
| Android (android.graphics.Color) | 4278343780 (0xFF025864) |
| YUV | 63.6540, 17.9186, -54.0706 |
| Hunter-Lab | 28.1291, -12.3253, -8.2954 |

Details

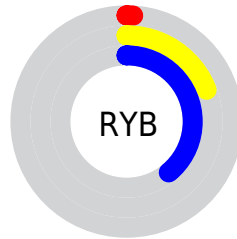
The Hex color **025864** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **640E02**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **478A97**, and **002A35** is the 20% darker color. If you saturate the color by 10%, you get **005864**, and if you desaturate by 10%, it is **0C5964**.

Distribution



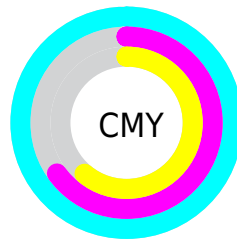
- Red (1%)
- Green (35%)
- Blue (39%)



- Red (1%)
- Yellow (19%)
- Blue (39%)



- Cyan (98%)
- Magenta (12%)
- Yellow (0%)
- Black (61%)



- Cyan (99%)
- Magenta (65%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 025864 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 025864 by changing the saturation by 10% instead.

025864

025864

FFFFFF

00404C

478A97

002A35

62A5B2

001720

7DC0CD

000006

99DCE9

000000

B5F8FF

D2FFFF

FFFFFF

025864

025864

■ 005864

■ 0C5964

■ 165A64

■ 205C64

■ 2A5D64

■ 345E64

■ 3E5F64

■ 486164

■ 526264

■ 5C6364

Harmonies

Analogous

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



155953



025864



1D556F

Triad

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



025864



69445D



57502C

Complementary

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



025864



640E02

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.



664A30



025864



71424C

Square

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



025864



57496B



70443B



445533

Rectangle

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



025864



335272



70443B



5D4E2C

Sweetspot

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



025864



5C7D82



02640D



2B3F42



C2C2C2



424242

Same Dimension

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



025864



007282



022864



2E3233



006573



00D5F2

Inverse Universe

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



640258



820072



643E02



332E32



730065



F200D5

Previews

White Background



This preview shows how the Hex color 025864 looks on a white background.

Color Contrast Check

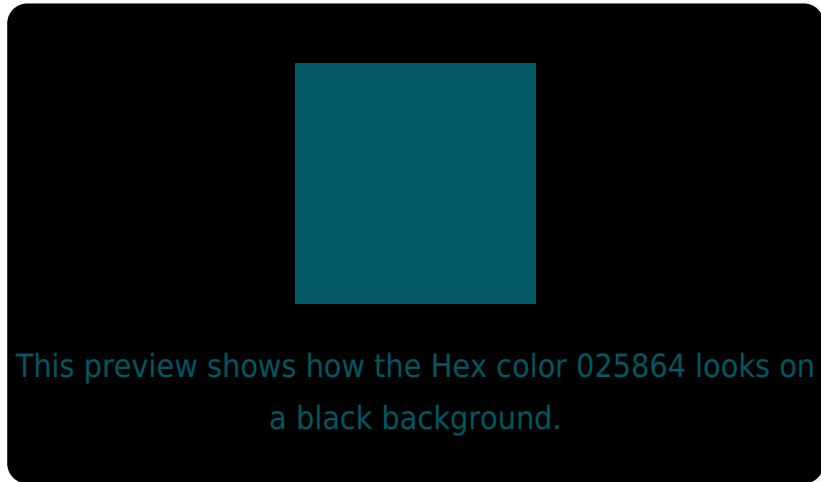
Large Text (above 18pt) WCAG AA ✓ Pass

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

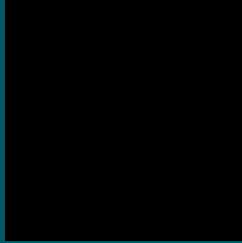
Any Text WCAG AA × Fail

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 025864 Background



This preview shows how black text looks on a background with the Hex color 025864.

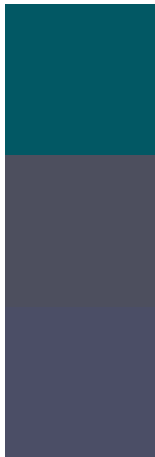


This preview shows how white text looks on a background with the Hex color 025864.

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

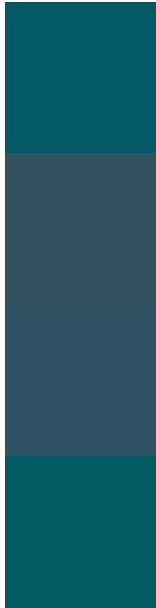


Original Color
025864

Protanopia
4D4F5E

Deuteranopia
4B4E66

Trichromacy



Original Color
025864

Protanomaly
325260

Deuteranomaly
305265

Tritanomaly
015961

Monochromacy



Original Color
025864

Achromatopsia
404040

Achromatomaly
29494D

CSS Examples

Text

The CSS property to change the color of the text to Hex 025864 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 #025864 looks like.

```
.text, #text, p{  
    color:#025864  
}
```

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 #025864 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #025864
}
```

Border

The CSS property to change the border of an element to Hex 025864 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
#025864 }
```

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

```
.border{ border-color:#025864 }
```

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

Here you see how a box with a 4 pixel #025864 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #025864; -webkit-box-shadow:4px 4px  
4px 4px #025864; box-shadow:4px 4px 4px  
4px #025864 }
```

Background

The CSS property to change the background color of an element to Hex 025864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#025864 }
```

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

```
.background{ background-color:#025864 }
```

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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