

Converting Colors

Hex(02625A)

Have a look what the booklet for
Hex(02625A) contains.

Hex(02625A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(02625A)

Conversions

Conversions Part 1

Format	Color
Hex	02625A
RGB	2, 98, 90
RGB Percent	1%, 38%, 35%
CMY	0.9922, 0.6157, 0.6471
CMYK	0.98, 0.00, 0.08, 0.62
HSL	175°, 96%, 20%
HSV	175°, 98%, 38%
XYZ	6.2382, 9.4865, 11.1751
YIQ	68.3840, -54.6480, -22.8400

Conversions

Conversions Part 2

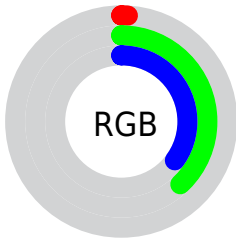
Format	Color
RYB	2, 52, 98
Decimal	156250
CIELab	36.90, -26.35, -2.43
CIELCh	37, 26.462, 185.259
Yxy	9.4865, 0.2319, 0.3527
Android (android.graphics.Color)	4278346330 (0xFF02625A)
YUV	68.3840, 10.6567, -58.2188
Hunter-Lab	30.8001, -17.7472, 0.0480

Details

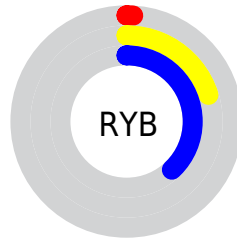
The Hex color **02625A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **62020A**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **47958C**, and **00332D** is the 20% darker color. If you saturate the color by 10%, you get **00625A**, and if you desaturate by 10%, it is **0C625B**.

Distribution



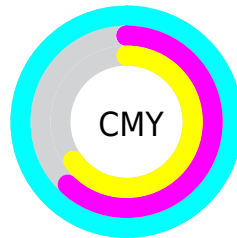
- Red (1%)
- Green (38%)
- Blue (35%)



- Red (1%)
- Yellow (20%)
- Blue (38%)



- Cyan (98%)
- Magenta (0%)
- Yellow (8%)
- Black (62%)



- Cyan (99%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02625A 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 02625A by changing the saturation by 10% instead.

 02625A

 02625A

FFFFFF

 004A43

 47958C

 00332D

 63B0A6

 001F18

 7ECCC1

 000000

 9AE8DD

 B6FFFA

 D2FFFF

 F0FFFF

 02625A

 02625A

■ 00625A

■ 0C625B

■ 16625C

■ 1F625C

■ 29625D

■ 33625E

■ 3D625F

■ 476260

■ 506261

■ 5A6261

Harmonies

Analogous

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



2F6144



02625A



00616F

Triad

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



02625A



5E507A



734F30

Complementary

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



02625A



62020A

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.



7E493F



02625A



744969

Square

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



02625A



3C5881



7F4654



61572C

Rectangle

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



02625A



005F79



7F4654



774D34

Sweetspot

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



02625A



5B807C



0A6202



29403E



BFBFBF



404040

Same Dimension

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



02625A



008075



023A62



2C3030



007067



00F0DC

Inverse Universe

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



62020A



80000B



622A02



302C2C



700009



F00014

Previews

White Background



This preview shows how the Hex color 02625A looks on a white background.

Color Contrast Check

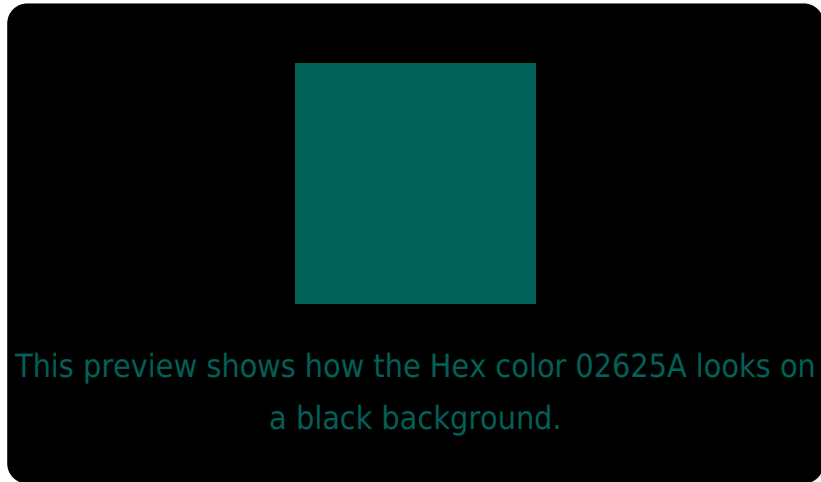
Large Text (above 18pt) WCAG AA ✓ Pass

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

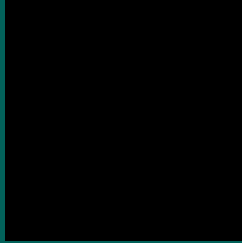
Any Text WCAG AA × Fail

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 02625A Background



This preview shows how black text looks on a background with the Hex color 02625A.



This preview shows how white text looks on a background with the Hex color 02625A.

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
02625A

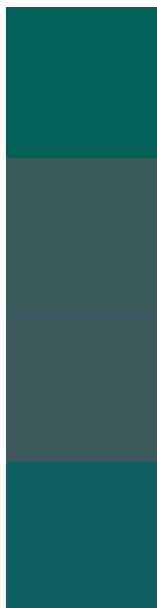
Protanopia
595653

Deuteranopia
5C545D



Tritanopia
186068

Trichromacy



Original Color

02625A

Protanomaly

395A56

Deuteranomaly

3B595C

Tritanomaly

106163

Monochromacy



Original Color

02625A

Achromatopsia

444444

Achromatomaly

2C4F4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 02625A 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 #02625A looks like.

```
.text, #text, p{  
    color:#02625A  
}
```

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 #02625A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02625A
}
```

Border

The CSS property to change the border of an element to Hex 02625A 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
#02625A }
```

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

```
.border{ border-color:#02625A }
```

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

Here you see how a box with a 4 pixel #02625A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02625A; -webkit-box-shadow:4px 4px  
4px 4px #02625A; box-shadow:4px 4px 4px  
4px #02625A }
```

Background

The CSS property to change the background color of an element to Hex 02625A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02625A }
```

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

```
.background{ background-color:#02625A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor