

Converting Colors

Hex(25635E)

Have a look what the booklet for
Hex(25635E) contains.

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Color

Hex(25635E)

Conversions

Conversions Part 1

Format	Color
Hex	25635E
RGB	37, 99, 94
RGB Percent	15%, 39%, 37%
CMY	0.8549, 0.6118, 0.6314
CMYK	0.63, 0.00, 0.05, 0.61
HSL	175°, 46%, 27%
HSV	175°, 63%, 39%
XYZ	7.2452, 10.1251, 12.1622
YIQ	79.8920, -35.3470, -14.6990

Conversions

Conversions Part 2

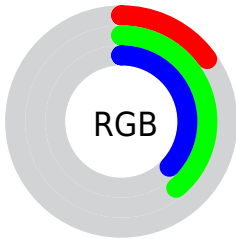
Format	Color
R_{YB}	37, 69, 99
Decimal	2450270
CIE _{Lab}	38.07, -21.04, -3.10
CIE _{LCh}	38, 21.269, 188.386
Yxy	10.1251, 0.2453, 0.3428
Android (android.graphics.Color)	4280640350 (0xFF25635E)
YUV	79.8920, 6.9552, -37.6163
Hunter-Lab	31.8200, -15.0420, -0.3876

Details

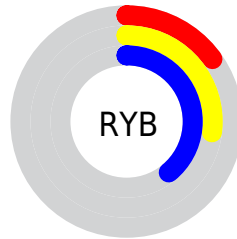
The Hex color **25635E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **63252A**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **5A9690**, and **003430** is the 20% darker color. If you saturate the color by 10%, you get **1B635D**, and if you desaturate by 10%, it is **2F635F**.

Distribution



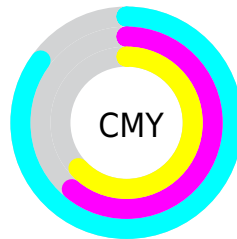
- Red (15%)
- Green (39%)
- Blue (37%)



- Red (15%)
- Yellow (27%)
- Blue (39%)



- Cyan (63%)
- Magenta (0%)
- Yellow (5%)
- Black (61%)



- Cyan (85%)
- Magenta (61%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25635E 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 25635E by changing the saturation by 10% instead.

 25635E

 25635E

FFFFFF

 034B46

 5A9690

 003430

 74B1AB

 001F1B

 8FCDC6

 000000

 AAE9E2

 C6FFFF

 E3FFFF

 25635E

 25635E

 1B635D

 2F635F

■ 11635C

■ 396360

■ 07635C

■ 436360

■ 00635B

■ 4D6361

■ 576362

■ 606363

■ 6A6364

■ 746364

■ 7E6365

Harmonies

Analogous

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



39624C



25635E



1D626E

Triad

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



25635E



625375



70543A

Complementary

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



25635E



63252A

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.



7A4F45



25635E



734E67

Square

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



25635E



4A5A7B



7B4C55



615A37

Rectangle

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



25635E



276076



7B4C55



74523D

Sweetspot

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



25635E



67807E



2A6325



31403F



BFBFBF



404040

Same Dimension

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



25635E



208078



254963



2C3030



007067



00F0DC

Inverse Universe

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



63252A



802028



633F25



302C2C



700009



F00013

Previews

White Background



This preview shows how the Hex color 25635E 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

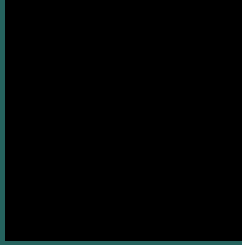
Any Text WCAG AA × Fail

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 25635E Background



This preview shows how black text looks on a background with the Hex color 25635E.

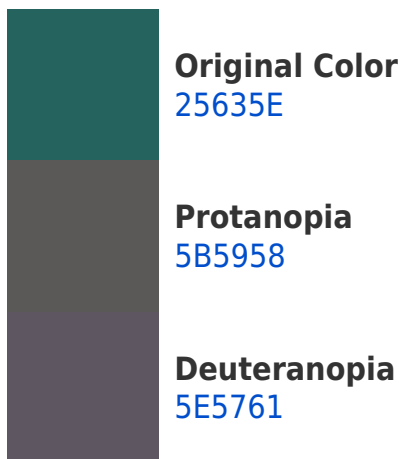



This preview shows how white text looks on a background with the Hex color 25635E.

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](#).

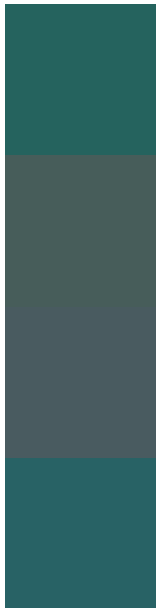
Dichromacy





Tritanopia
2A6169

Trichromacy



Original Color
25635E

Protanomaly
475D5A

Deuteranomaly
495B60

Tritanomaly
286265

Monochromacy



Original Color
25635E

Achromatopsia
505050

Achromatomaly
405755

CSS Examples

Text

The CSS property to change the color of the text to Hex 25635E 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 #25635E looks like.

```
.text, #text, p{  
    color:#25635E  
}
```

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 #25635E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25635E
}
```

Border

The CSS property to change the border of an element to Hex 25635E 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
#25635E }
```

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

```
.border{ border-color:#25635E }
```

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

Here you see how a box with a 4 pixel #25635E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25635E; -webkit-box-shadow:4px 4px  
4px 4px #25635E; box-shadow:4px 4px 4px  
4px #25635E }
```

Background

The CSS property to change the background color of an element to Hex 25635E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25635E }
```

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

```
.background{ background-color:#25635E }
```

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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