

Converting Colors

Hex(25764E)

Have a look what the booklet for
Hex(25764E) contains.

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Color

Hex(25764E)

Conversions

Conversions Part 1

Format	Color
Hex	25764E
RGB	37, 118, 78
RGB Percent	15%, 46%, 31%
CMY	0.8549, 0.5373, 0.6941
CMYK	0.69, 0.00, 0.34, 0.54
HSL	150°, 52%, 30%
HSV	150°, 69%, 46%
XYZ	8.6165, 13.9002, 9.4366
YIQ	89.2210, -35.4360, -29.6120

Conversions

Conversions Part 2

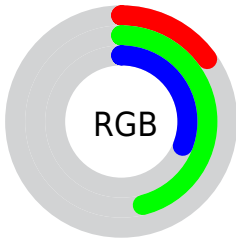
Format	Color
RYB	37, 91, 118
Decimal	2455118
CIELab	44.09, -34.39, 15.09
CIELCh	44, 37.560, 156.304
Yxy	13.9002, 0.2697, 0.4350
Android (android.graphics.Color)	4280645198 (0xFF25764E)
YUV	89.2210, -5.5320, -45.7978
Hunter-Lab	37.2830, -23.9919, 11.0914

Details

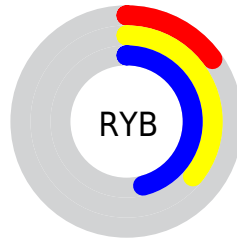
The Hex color **25764E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **76254D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5CAB7F**, and **004521** is the 20% darker color. If you saturate the color by 10%, you get **197648**, and if you desaturate by 10%, it is **317654**.

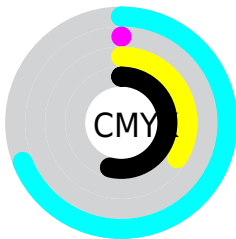
Distribution



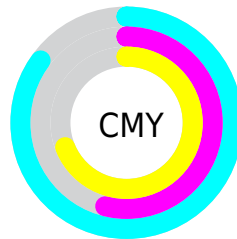
- Red (15%)
- Green (46%)
- Blue (31%)



- Red (15%)
- Yellow (36%)
- Blue (46%)



- Cyan (69%)
- Magenta (0%)
- Yellow (34%)
- Black (54%)



- Cyan (85%)
- Magenta (54%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25764E 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 25764E by changing the saturation by 10% instead.

 25764E

 25764E

FFFFFF

 005D37

 5CAB7F

 004521

 77C699

 002D0C

 93E3B4

 001700

 AEFFD0

 000000

 CBFEC

 E8FFF

 25764E

 25764E

 197648

 317654

■ 0D7642

■ 3D765A

■ 02763D

■ 48765F

■ 00763C

■ 547665

■ 60766B

■ 6C7671

■ 787677

■ 83767D

■ 8F7682

Harmonies

Analogous

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



537134



25764E



00786E

Triad

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



25764E



3C69A6



9F5345

Complementary

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



25764E



76254D

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.



A24D63



25764E



735D9B

Square

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



25764E



0072A1



945282



8E5E2F

Rectangle

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



25764E



007883



945282



A2504E

Sweetspot

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



25764E



799989



4E7625



394D43



CCCCCC



4D4D4D

Same Dimension

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



25764E



1C995B



257676



353B38



007A3E



00FA7E

Inverse Universe

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



76254D



991C59



762525



3B3538



7A003C



FA007B

Previews

White Background



This preview shows how the Hex color 25764E looks on a white background.

Color Contrast Check

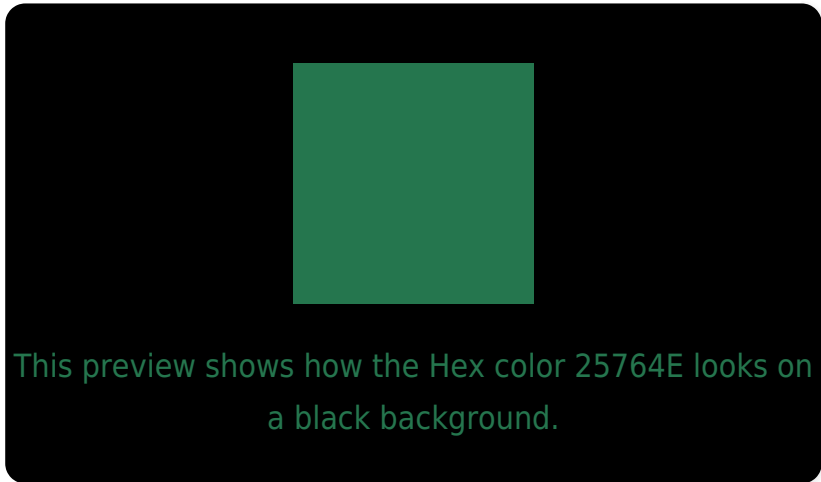
Large Text (above 18pt) WCAG AA ✓ Pass

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

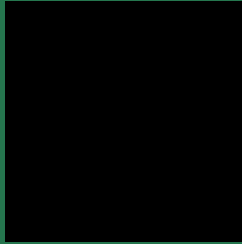
Any Text WCAG AA × Fail

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 25764E Background



This preview shows how black text looks on a background with the Hex color 25764E.



This preview shows how white text looks on a background with the Hex color 25764E.

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
25764E

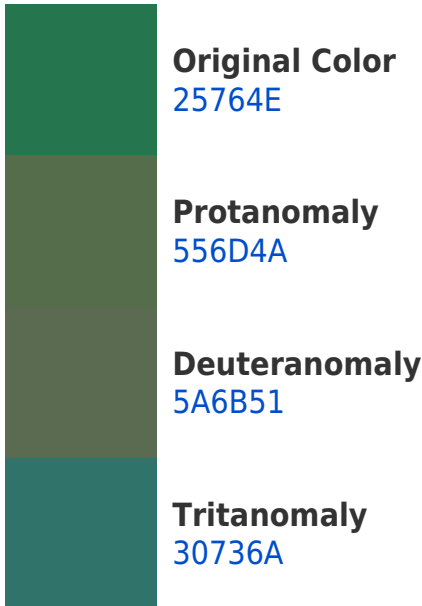
Protanopia
706848

Deuteranopia
796452

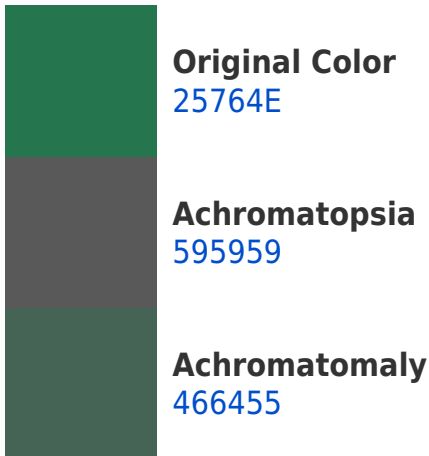


Tritanopia
36717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 25764E 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 #25764E looks like.

```
.text, #text, p{  
    color:#25764E  
}
```

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 #25764E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25764E
}
```

Border

The CSS property to change the border of an element to Hex 25764E 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
#25764E }
```

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

```
.border{ border-color:#25764E }
```

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

Here you see how a box with a 4 pixel #25764E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25764E; -webkit-box-shadow:4px 4px  
4px 4px #25764E; box-shadow:4px 4px 4px  
4px #25764E }
```

Background

The CSS property to change the background color of an element to Hex 25764E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25764E }
```

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

```
.background{ background-color:#25764E }
```

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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