

Converting Colors

Hex(27604E)

Have a look what the booklet for
Hex(27604E) contains.

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Color

Hex(27604E)

Conversions

Conversions Part 1

Format	Color
Hex	27604E
RGB	39, 96, 78
RGB Percent	15%, 38%, 31%
CMY	0.8471, 0.6235, 0.6941
CMYK	0.59, 0.00, 0.19, 0.62
HSL	161°, 42%, 26%
HSV	161°, 59%, 38%
XYZ	6.3947, 9.3471, 8.6749
YIQ	76.9050, -28.1940, -17.6820

Conversions

Conversions Part 2

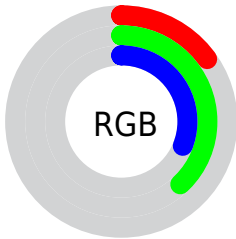
Format	Color
R_{YB}	39, 73, 96
Decimal	2580558
CIE _{Lab}	36.64, -23.56, 4.71
CIE _{LCh}	37, 24.021, 168.700
Yxy	9.3471, 0.2619, 0.3828
Android (android.graphics.Color)	4280770638 (0xFF27604E)
YUV	76.9050, 0.5398, -33.2427
Hunter-Lab	30.5731, -16.1675, 4.5781

Details

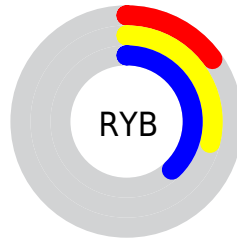
The Hex color **27604E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **602739**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5A937F**, and **003122** is the 20% darker color. If you saturate the color by 10%, you get **1D604B**, and if you desaturate by 10%, it is **316051**.

Distribution



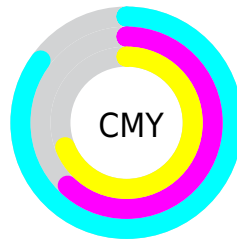
- Red (15%)
- Green (38%)
- Blue (31%)



- Red (15%)
- Yellow (29%)
- Blue (38%)



- Cyan (59%)
- Magenta (0%)
- Yellow (19%)
- Black (62%)



- Cyan (85%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27604E 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 27604E by changing the saturation by 10% instead.

 27604E

 27604E

FFFFFF

 0A4837

 5A937F

 003122

 74AE99

 001E0C

 8EC9B4

 000000

 A9E5CF

 C5FFEB

 E2FFFF

 27604E

 27604E

 1D604B

 316051

■ 146048

■ 3A6054

■ 0A6045

■ 446057

■ 016042

■ 4D605A

■ 006042

■ 57605D

■ 616060

■ 6A6063

■ 746066

■ 7D6069

Harmonies

Analogous

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



415D3C



27604E



046062

Triad

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



27604E



4E547B



764C3A

Complementary

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



27604E



602739

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.



7C484B



27604E



674D70

Square

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



27604E



2C5A7C



77485E



695330

Rectangle

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



27604E



005F6E



77485E



794A3F

Sweetspot

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



27604E



667D76



396027



32403B



BFBFBF



404040

Same Dimension

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



27604E



247D61



275660



2C302F



00704D



00F0A4

Inverse Universe

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



602739



7D2440



603127



302C2D



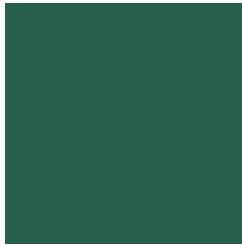
700023



F0004C

Previews

White Background



This preview shows how the Hex color 27604E looks on a white background.

Color Contrast Check

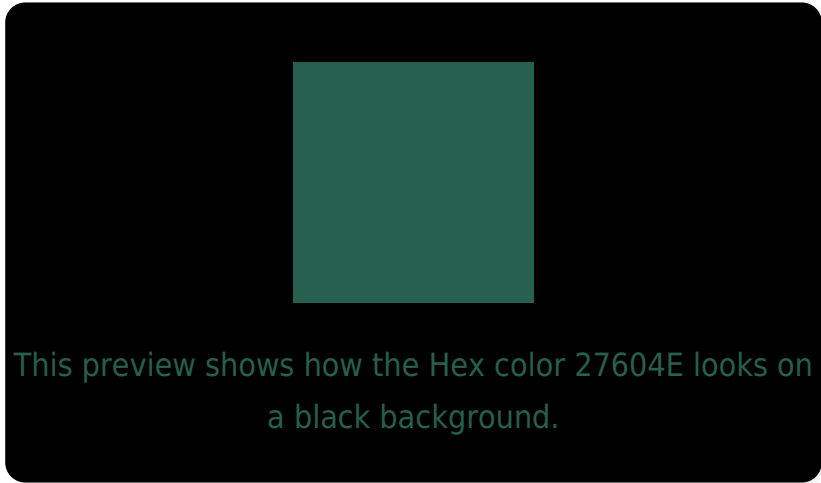
Large Text (above 18pt) WCAG AA ✓ Pass

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

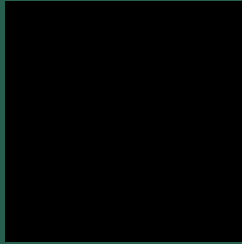
Any Text WCAG AA × Fail

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 27604E Background



This preview shows how black text looks on a background with the Hex color 27604E.



This preview shows how white text looks on a background with the Hex color 27604E.

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
27604E

Protanopia
5A5649

Deuteranopia
605351



Tritanopia
2F5D64

Trichromacy



Original Color
27604E

Protanomaly
475A4B

Deuteranomaly
4B5850

Tritanomaly
2C5E5C

Monochromacy



Original Color
27604E

Achromatopsia
4D4D4D

Achromatomaly
3F544D

CSS Examples

Text

The CSS property to change the color of the text to Hex 27604E 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 #27604E looks like.

```
.text, #text, p{  
    color:#27604E  
}
```

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 #27604E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27604E
}
```

Border

The CSS property to change the border of an element to Hex 27604E 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".

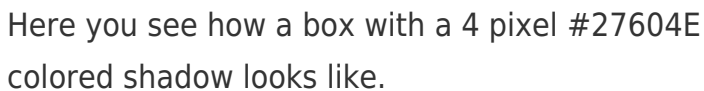
```
.border, #border, table{ border:4px solid
#27604E }
```

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

```
.border{ border-color:#27604E }
```

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

Here you see how a box with a 4 pixel #27604E colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27604E; -webkit-box-shadow:4px 4px  
4px 4px #27604E; box-shadow:4px 4px 4px  
4px #27604E }
```

Background

The CSS property to change the background color of an element to Hex 27604E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27604E }
```

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

```
.background{ background-color:#27604E }
```

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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