

Converting Colors

Hex(28664E)

Have a look what the booklet for
Hex(28664E) contains.

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Color

Hex(28664E)

Conversions

Conversions Part 1

Format	Color
Hex	28664E
RGB	40, 102, 78
RGB Percent	16%, 40%, 31%
CMY	0.8431, 0.6000, 0.6941
CMYK	0.61, 0.00, 0.24, 0.60
HSL	157°, 44%, 28%
HSV	157°, 61%, 40%
XYZ	7.0016, 10.5039, 8.8662
YIQ	80.7260, -29.2480, -20.6080

Conversions

Conversions Part 2

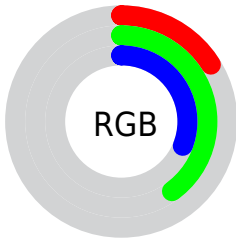
Format	Color
R_{YB}	40, 78, 102
Decimal	2647630
CIE Lab	38.73, -26.31, 7.68
CIE LCh	39, 27.412, 163.733
Yxy	10.5039, 0.2655, 0.3983
Android (android.graphics.Color)	4280837710 (0xFF28664E)
YUV	80.7260, -1.3439, -35.7167
Hunter-Lab	32.4097, -18.1551, 6.4672

Details

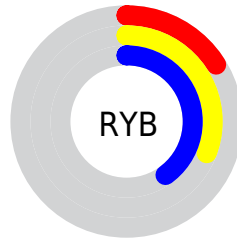
The Hex color **28664E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **662840**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5C9A7F**, and **003622** is the 20% darker color. If you saturate the color by 10%, you get **1E664A**, and if you desaturate by 10%, it is **326652**.

Distribution



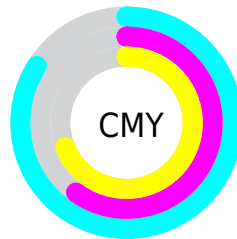
- Red (16%)
- Green (40%)
- Blue (31%)



- Red (16%)
- Yellow (31%)
- Blue (40%)



- Cyan (61%)
- Magenta (0%)
- Yellow (24%)
- Black (60%)



- Cyan (84%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28664E 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 28664E by changing the saturation by 10% instead.

 28664E

 28664E

FFFFFF

 094E37

 5C9A7F

 003622

 76B599

 00220C

 90D0B4

 000000

 ACEDCF

 C8FFEC

 E4FFFF

 28664E

 28664E

 1E664A

 326652

■ 146646

■ 3C6656

■ 096642

■ 47665A

■ 00663F

■ 51665E

■ 5B6662

■ 656666

■ 6F666A

■ 7A666E

■ 846672

Harmonies

Analogous

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



46633A



28664E



006765

Triad

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



28664E



4A5A86



824E3D

Complementary

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



28664E



662840

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.



864952



28664E



6A527B

Square

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



28664E



1D6185



7F4B68



745630

Rectangle

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



28664E



006673



7F4B68



844C44

Sweetspot

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



28664E



6D857B



416628



34423D



C2C2C2



424242

Same Dimension

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



28664E



24855F



286066



2E3331



007346



00F294

Inverse Universe

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



662840



852449



662E28



332E30



73002C



F2005E

Previews

White Background



This preview shows how the Hex color 28664E looks on a white background.

Color Contrast Check

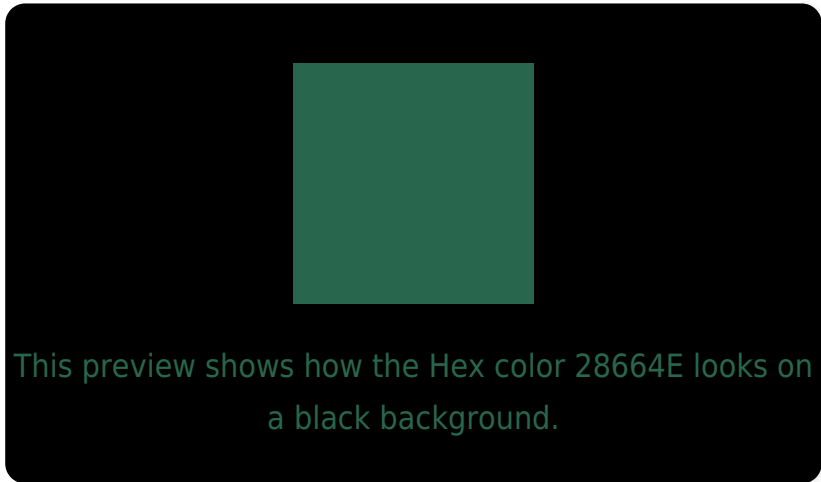
Large Text (above 18pt) WCAG AA ✓ Pass

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 28664E Background



This preview shows how black text looks on a background with the Hex color 28664E.



This preview shows how white text looks on a background with the Hex color 28664E.

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
28664E

Protanopia
605B48

Deuteranopia
675751



Tritanopia
32626A

Trichromacy



Original Color
28664E

Protanomaly
4C5F4A

Deuteranomaly
505C50

Tritanomaly
2E6360

Monochromacy



Original Color
28664E

Achromatopsia
515151

Achromatomaly
425950

CSS Examples

Text

The CSS property to change the color of the text to Hex 28664E 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 #28664E looks like.

```
.text, #text, p{  
    color:#28664E  
}
```

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 #28664E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28664E
}
```

Border

The CSS property to change the border of an element to Hex 28664E 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".

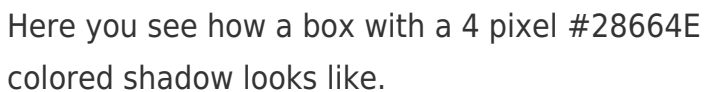
```
.border, #border, table{ border:4px solid
#28664E }
```

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

```
.border{ border-color:#28664E }
```

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

Here you see how a box with a 4 pixel #28664E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28664E; -webkit-box-shadow:4px 4px  
4px 4px #28664E; box-shadow:4px 4px 4px  
4px #28664E }
```

Background

The CSS property to change the background color of an element to Hex 28664E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28664E }
```

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

```
.background{ background-color:#28664E }
```

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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