

Converting Colors

Hex(27695D)

Have a look what the booklet for
Hex(27695D) contains.

Hex(27695D)	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(27695D)

Conversions

Conversions Part 1

Format	Color
Hex	27695D
RGB	39, 105, 93
RGB Percent	15%, 41%, 36%
CMY	0.8471, 0.5882, 0.6353
CMYK	0.63, 0.00, 0.11, 0.59
HSL	169°, 46%, 28%
HSV	169°, 63%, 41%
XYZ	7.8641, 11.3248, 12.1274
YIQ	83.8980, -35.4840, -17.7240

Conversions

Conversions Part 2

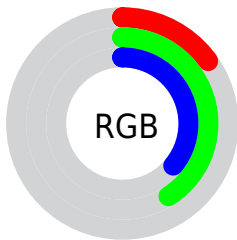
Format	Color
R _Y B	39, 75, 105
Decimal	2582877
CIE Lab	40.12, -24.03, 0.54
CIE LCh	40, 24.038, 178.725
Yxy	11.3248, 0.2511, 0.3616
Android (android.graphics.Color)	4280772957 (0xFF27695D)
YUV	83.8980, 4.4873, -39.3755
Hunter-Lab	33.6523, -17.1788, 2.1902

Details

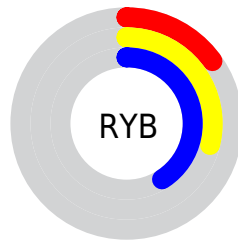
The Hex color **27695D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **692733**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5C9D8F**, and **00392F** is the 20% darker color. If you saturate the color by 10%, you get **1C695B**, and if you desaturate by 10%, it is **31695F**.

Distribution



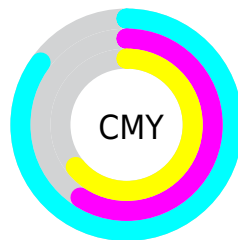
- Red (15%)
- Green (41%)
- Blue (36%)



- Red (15%)
- Yellow (29%)
- Blue (41%)



- Cyan (63%)
- Magenta (0%)
- Yellow (11%)
- Black (59%)



- Cyan (85%)
- Magenta (59%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27695D 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 27695D by changing the saturation by 10% instead.

 27695D

 27695D

FFFFFF

 055145

 5C9D8F

 00392F

 76B8AA

 00241A

 91D3C5

 000100

 ADF0E1

 000000

 C9FFFD

 E6FFFF

 27695D

 27695D

 1C695B

 31695F

■ 126959

■ 3C6961

■ 076957

■ 476963

■ 006956

■ 516965

■ 5C6967

■ 666968

■ 71696A

■ 7B696C

■ 85696E

Harmonies

Analogous

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



41674A



27695D



106971

Triad

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



27695D



605A81



7C563E

Complementary

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



27695D



692733

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.



84514D



27695D



775373

Square

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



27695D



416185



834F60



6C5D37

Rectangle

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



27695D



16677B



834F60



805442

Sweetspot

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



27695D



708A85



336927



354542



C4C4C4



454545

Same Dimension

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



27695D



228A77



275469



303635



007560



00F5C8

Inverse Universe

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



692733



8A2235



693C27



363031



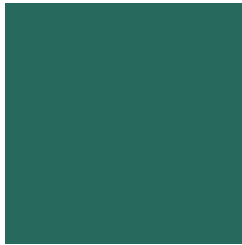
750015



F5002D

Previews

White Background



This preview shows how the Hex color 27695D looks on a white background.

Color Contrast Check

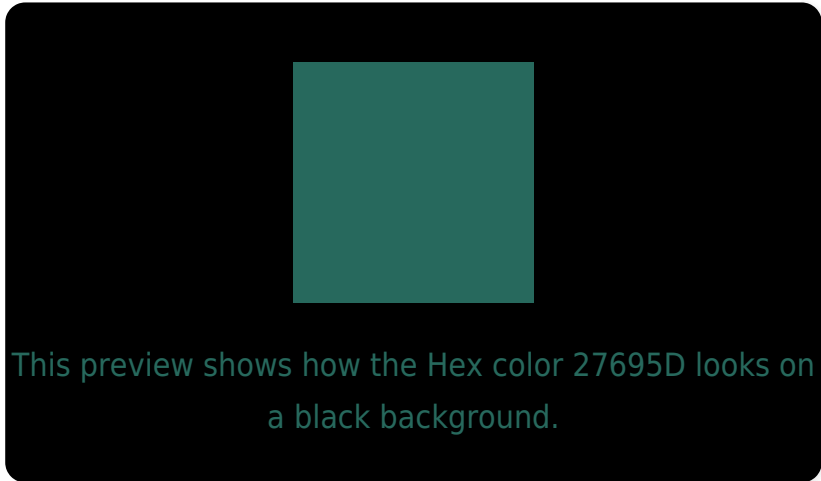
Large Text (above 18pt) WCAG AA ✓ Pass

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

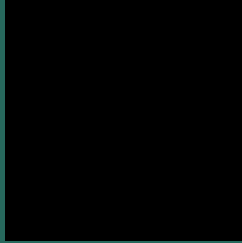
Any Text WCAG AA × Fail

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 27695D Background



This preview shows how black text looks on a background with the Hex color 27695D.

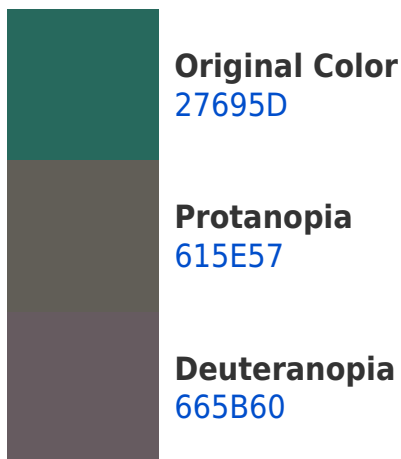



This preview shows how white text looks on a background with the Hex color 27695D.

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](#).

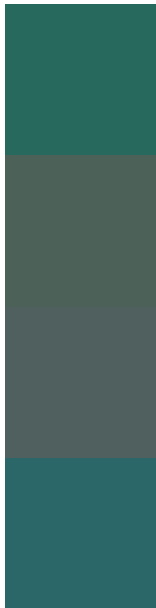
Dichromacy





Tritanopia
2E666F

Trichromacy



Original Color
27695D

Protanomaly
4C6259

Deuteranomaly
4F605F

Tritanomaly
2B6768

Monochromacy



Original Color
27695D

Achromatopsia
545454

Achromatomaly
445C57

CSS Examples

Text

The CSS property to change the color of the text to Hex 27695D 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 #27695D looks like.

```
.text, #text, p{  
    color:#27695D  
}
```

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 #27695D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27695D
}
```

Border

The CSS property to change the border of an element to Hex 27695D 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".

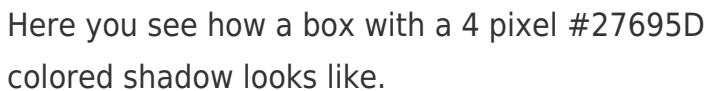
```
.border, #border, table{ border:4px solid
#27695D }
```

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

```
.border{ border-color:#27695D }
```

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

Here you see how a box with a 4 pixel #27695D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27695D; -webkit-box-shadow:4px 4px  
4px 4px #27695D; box-shadow:4px 4px 4px  
4px #27695D }
```

Background

The CSS property to change the background color of an element to Hex 27695D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27695D }
```

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

```
.background{ background-color:#27695D }
```

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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