

Converting Colors

Hex(31695D)

Have a look what the booklet for
Hex(31695D) contains.

Hex(31695D)	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(31695D)

Conversions

Conversions Part 1

Format	Color
Hex	31695D
RGB	49, 105, 93
RGB Percent	19%, 41%, 36%
CMY	0.8078, 0.5882, 0.6353
CMYK	0.53, 0.00, 0.11, 0.59
HSL	167°, 36%, 30%
HSV	167°, 53%, 41%
XYZ	8.2940, 11.5464, 12.1475
YIQ	86.8880, -29.5240, -15.6040

Conversions

Conversions Part 2

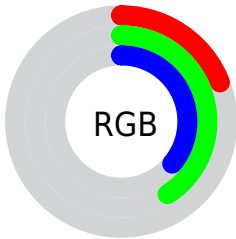
Format	Color
RYB	49, 80, 105
Decimal	3238237
CIELab	40.49, -21.70, 1.11
CIELCh	40, 21.728, 177.074
Yxy	11.5464, 0.2593, 0.3610
Android (android.graphics.Color)	4281428317 (0xFF31695D)
YUV	86.8880, 3.0132, -33.2278
Hunter-Lab	33.9800, -15.8961, 2.5905




Details

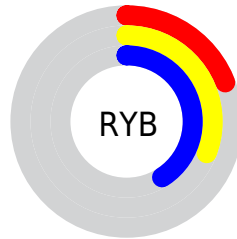
The Hex color **31695D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **69313D**, and the grayscale version is **575757**.




A 20% lighter version of the original color is **649D8F**, and **00392F** is the 20% darker color. If you saturate the color by 10%, you get **27695B**, and if you desaturate by 10%, it is **3B695F**.

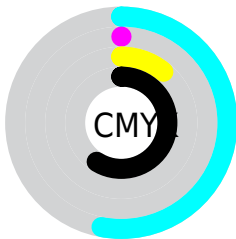
Distribution







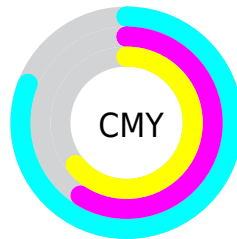
-  Red (19%)
-  Green (41%)
-  Blue (36%)






-  Red (19%)
-  Yellow (31%)
-  Blue (41%)



-  Cyan (53%)
-  Magenta (0%)
-  Yellow (11%)
-  Black (59%)





-  Cyan (81%)
-  Magenta (59%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31695D 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 31695D by changing the saturation by 10% instead.

 31695D

 31695D

FFFFFF

 165145

 649D8F

 00392F

 7EB8AA

 00241A

 99D3C5


 000300


 B4F0E1

 000000

 D1FFFD

 EDFFFF

 31695D

 31695D

 27695B

 3B695F

■ 1C6958

■ 466962

■ 116956

■ 506964

■ 076954

■ 5B6966

■ 006952

■ 666968

■ 70696A

■ 7A696D

■ 85696F

■ 906971

Harmonies

Analogous

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



46674C



31695D



22696F

Triad

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



31695D



5F5B7F



7B5842

Complementary

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



31695D



69313D

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.



825350



31695D



745573

Square

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



31695D



456283



805262



6D5E3C

Rectangle

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



31695D



256779



805262



7E5646

Sweetspot

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



31695D



748A85



3D6931



384542



C4C4C4



454545

Same Dimension

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



31695D



328A77



315969



303634



00755C



00F5C0

Inverse Universe

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



69313D



8A3244



694131



363031



750019



F50034

Previews

White Background



This preview shows how the Hex color 31695D 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

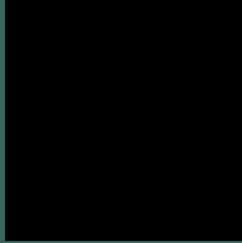
Any Text WCAG AA × Fail

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 31695D Background



This preview shows how black text looks on a background with the Hex color 31695D.



This preview shows how white text looks on a background with the Hex color 31695D.

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
31695D

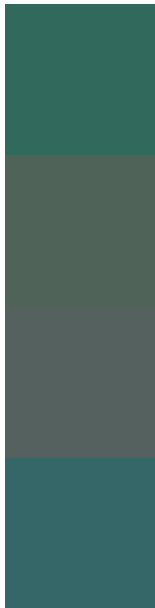
Protanopia
625F57

Deuteranopia
685C60



Tritanopia
37666F

Trichromacy



Original Color
31695D

Protanomaly
506359

Deuteranomaly
54615F

Tritanomaly
356768

Monochromacy



Original Color
31695D

Achromatopsia
575757

Achromatomaly
495E59

CSS Examples

Text

The CSS property to change the color of the text to Hex 31695D 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 #31695D looks like.

```
.text, #text, p{  
    color:#31695D  
}
```

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 #31695D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31695D
}
```

Border

The CSS property to change the border of an element to Hex 31695D 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".

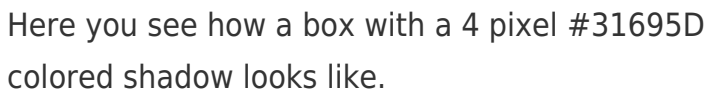
```
.border, #border, table{ border:4px solid
#31695D }
```

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

```
.border{ border-color:#31695D }
```

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

Here you see how a box with a 4 pixel #31695D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31695D; -webkit-box-shadow:4px 4px  
4px 4px #31695D; box-shadow:4px 4px 4px  
4px #31695D }
```

Background

The CSS property to change the background color of an element to Hex 31695D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31695D }
```

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

```
.background{ background-color:#31695D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor