

# Converting Colors

Hex(31544D)

Have a look what the booklet for  
Hex(31544D) contains.

<b>Hex(31544D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(31544D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	31544D
RGB	49, 84, 77
RGB Percent	19%, 33%, 30%
CMY	0.8078, 0.6706, 0.6980
CMYK	0.42, 0.00, 0.08, 0.67
HSL	168°, 26%, 26%
HSV	168°, 42%, 33%
XYZ	5.7765, 7.5294, 8.1701
YIQ	72.7370, -18.6130, -9.5970

# Conversions

## Conversions Part 2

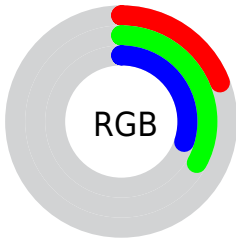
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 68, 84
Decimal	3232845
CIELab	32.98, -14.55, 0.10
CIElCh	33, 14.551, 179.618
Yxy	7.5294, 0.2690, 0.3506
Android (android.graphics.Color)	4281422925 (0xFF31544D)
YUV	72.7370, 2.1017, -20.8173
Hunter-Lab	27.4398, -10.4427, 1.5546




# Details

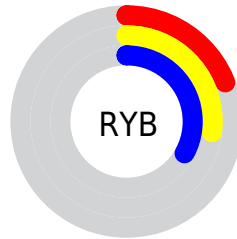
The Hex color **31544D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **543138**, and the grayscale version is **494949**.




A 20% lighter version of the original color is **61867E**, and **022721** is the 20% darker color. If you saturate the color by 10%, you get **29544B**, and if you desaturate by 10%, it is **39544F**.

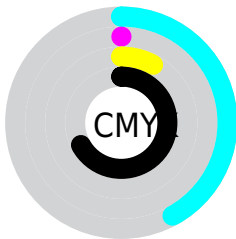
# Distribution







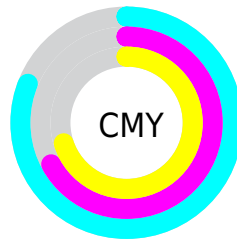
-  Red (19%)
-  Green (33%)
-  Blue (30%)






-  Red (19%)
-  Yellow (27%)
-  Blue (33%)



-  Cyan (42%)
-  Magenta (0%)
-  Yellow (8%)
-  Black (67%)




-  Cyan (81%)
-  Magenta (67%)
-  Yellow (70%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 31544D 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 31544D by changing the saturation by 10% instead.



 31544D

 31544D

FFFFFF

 1A3D36

 61867E

 022721

 7BA098

 00130A


 95BBB2


 000000

 B0D7CE

 CBF3EA

 E8FFFF

 31544D

 31544D

 29544B

 39544F

■ 20544A

■ 425450

■ 185448

■ 4A5452

■ 0F5446

■ 535454

■ 075445

■ 5B5455

■ 005443

■ 635457

■ 6C5459

■ 74545A

■ 7D545C

# Harmonies

## Analogous

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



3D5342



31544D



2C5458

# Triad

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



31544D



4F4B61



60493A

# Complementary

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



31544D



543138

# 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.



654643



31544D



5C4759

# Square

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



31544D



3F4F64



64454E



564D37

# Rectangle

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



31544D



2E535F



64454E



62483D



# Sweetspot

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



31544D



5F6E6B



385431



2F3836



B8B8B8



383838



# Same Dimension

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



31544D



376E63



314954



252928



006954



00E8BA



# Inverse Universe

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



543138



6E3742



543B31



292526



690015



E8002E



# Previews

## White Background



This preview shows how the Hex color 31544D looks on a white background.

## Color Contrast Check

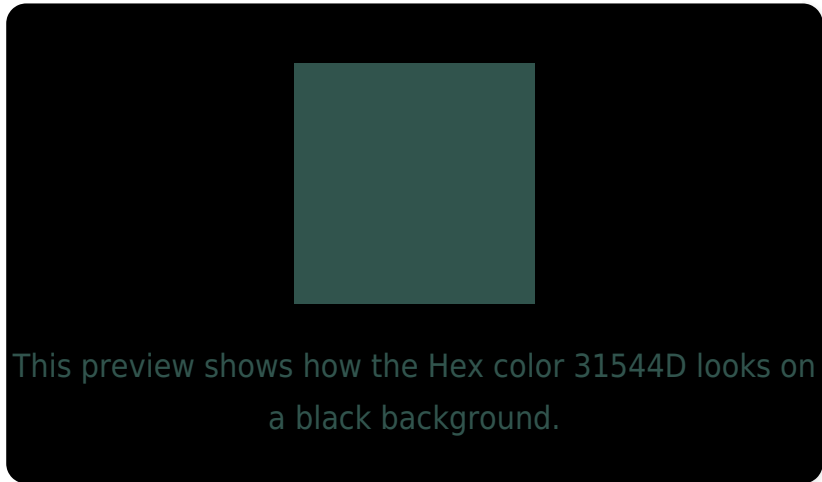
Large Text (above 18pt) WCAG AA ✓ Pass

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

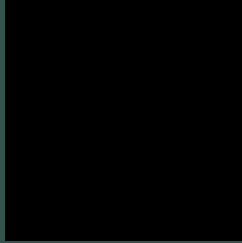
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 31544D Background



This preview shows how black text looks on a background with the Hex color 31544D.



This preview shows how white text looks on a background with the Hex color 31544D.

# 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**  
31544D

**Protanopia**  
504D49

**Deuteranopia**  
544B4F



**Tritanopia**  
345259

# Trichromacy



**Original Color**  
31544D

**Protanomaly**  
45504A

**Deuteranomaly**  
474E4E

**Tritanomaly**  
335355

# Monochromacy



**Original Color**  
31544D

**Achromatopsia**  
494949

**Achromatomaly**  
404D4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 31544D 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 #31544D looks like.

```
.text, #text, p{  
    color:#31544D  
}
```

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 #31544D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31544D
}
```

## Border

The CSS property to change the border of an element to Hex 31544D 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
#31544D }
```

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

```
.border{ border-color:#31544D }
```

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

Here you see how a box with a 4 pixel #31544D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31544D; -webkit-box-shadow:4px 4px  
4px 4px #31544D; box-shadow:4px 4px 4px  
4px #31544D }
```

# Background

The CSS property to change the background color of an element to Hex 31544D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31544D }
```

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

```
.background{ background-color:#31544D }
```

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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