

Converting Colors

Hex(31764A)

Have a look what the booklet for
Hex(31764A) contains.

Hex(31764A)	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(31764A)

Conversions

Conversions Part 1

Format	Color
Hex	31764A
RGB	49, 118, 74
RGB Percent	19%, 46%, 29%
CMY	0.8078, 0.5373, 0.7098
CMYK	0.58, 0.00, 0.37, 0.54
HSL	142°, 41%, 33%
HSV	142°, 58%, 46%
XYZ	8.9811, 14.1042, 8.7276
YIQ	92.3530, -27.0000, -28.3120

Conversions

Conversions Part 2

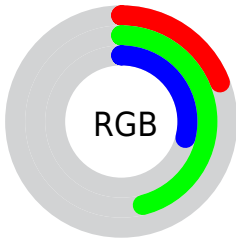
Format	Color
RYB	49, 100, 118
Decimal	3241546
CIELab	44.38, -32.53, 17.87
CIELCh	44, 37.117, 151.214
Yxy	14.1042, 0.2823, 0.4433
Android (android.graphics.Color)	4281431626 (0xFF31764A)
YUV	92.3530, -9.0480, -38.0206
Hunter-Lab	37.5556, -23.0357, 12.5104

Details

The Hex color **31764A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **76315D**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **66AB7B**, and **00451D** is the 20% darker color. If you saturate the color by 10%, you get **257642**, and if you desaturate by 10%, it is **3D7652**.

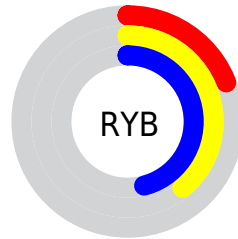
Distribution



Red (19%)

Green (46%)

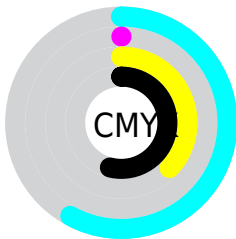
Blue (29%)



Red (19%)

Yellow (39%)

Blue (46%)

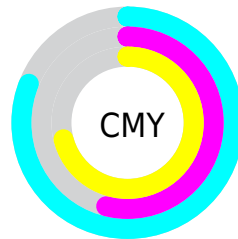


Cyan (58%)

Magenta (0%)

Yellow (37%)

Black (54%)



Cyan (81%)


Magenta (54%)


Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31764A 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 31764A by changing the saturation by 10% instead.

 31764A

 31764A

FFFFFF

 145D33

 66AB7B

 00451D

 80C695

 002E06

 9BE3B0


 001800


 B7FFCB

 000000

 D3FFE7

 F0FFFF

 31764A

 31764A

 257642

 3D7652

■ 19763B

■ 497659

■ 0E7633

■ 547661

■ 02762C

■ 607668

■ 00762B

■ 6C7670

■ 787677

■ 84767F

■ 8F7686

■ 9B768E

Harmonies

Analogous

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



5A7032



31764A



007869

Triad

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



31764A



316CA7



A1524B

Complementary

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



31764A



76315D

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.



A14E69



31764A



6C609E

Square

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



31764A



00749E



905587



925C33

Rectangle

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



31764A



00787E



905587



A35054

Sweetspot

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



31764A



7D9987



5E7631



3C4D42



CCCCCC



4D4D4D

Same Dimension

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



31764A



2E9955



31766C



353B37



007A2C



00FA5B

Inverse Universe

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



76315D



992E72



76313B



3B3539



7A004E



FA009F

Previews

White Background



This preview shows how the Hex color 31764A looks on a white background.

Color Contrast Check

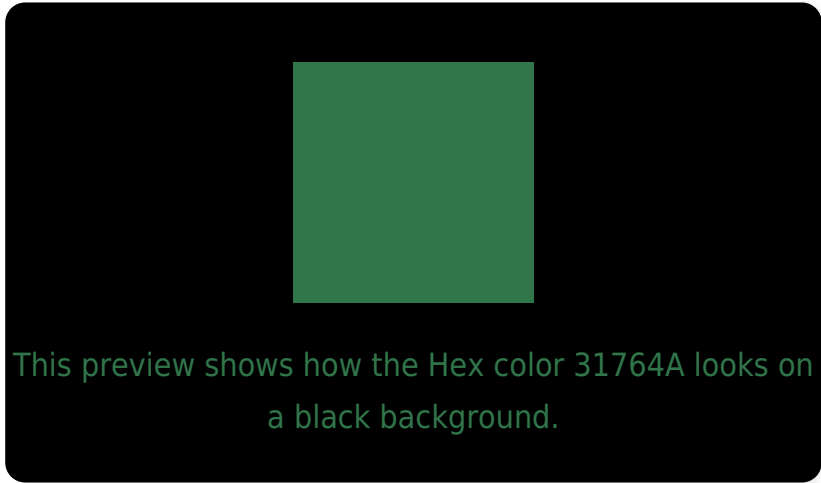
Large Text (above 18pt) WCAG AA ✓ Pass

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 31764A Background



This preview shows how black text looks on a background with the Hex color 31764A.



This preview shows how white text looks on a background with the Hex color 31764A.

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
31764A

Protanopia
716844

Deuteranopia
7B644E



Tritanopia
3F7079

Trichromacy



Original Color
31764A

Protanomaly
5A6D46

Deuteranomaly
606B4D

Tritanomaly
3A7268

Monochromacy



Original Color
31764A

Achromatopsia
5C5C5C

Achromatomaly
4C6555

CSS Examples

Text

The CSS property to change the color of the text to Hex 31764A 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 #31764A looks like.

```
.text, #text, p{  
    color:#31764A  
}
```

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 #31764A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31764A
}
```

Border

The CSS property to change the border of an element to Hex 31764A 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
#31764A }
```

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

```
.border{ border-color:#31764A }
```

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

Here you see how a box with a 4 pixel #31764A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31764A; -webkit-box-shadow:4px 4px  
4px 4px #31764A; box-shadow:4px 4px 4px  
4px #31764A }
```

Background

The CSS property to change the background color of an element to Hex 31764A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31764A }
```

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

```
.background{ background-color:#31764A }
```

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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