

Converting Colors

Hex(31654E)

Have a look what the booklet for
Hex(31654E) contains.

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Color

Hex(31654E)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 31654E |
| RGB | 49, 101, 78 |
| RGB Percent | 19%, 40%, 31% |
| CMY | 0.8078, 0.6039, 0.6941 |
| CMYK | 0.51, 0.00, 0.23, 0.60 |
| HSL | 153°, 35%, 29% |
| HSV | 153°, 51%, 40% |
| XYZ | 7.2954, 10.5104, 8.8519 |
| YIQ | 82.8300, -23.6090, -18.1770 |

Conversions

Conversions Part 2

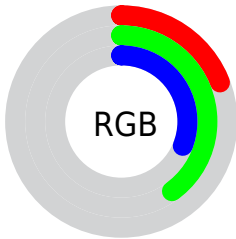
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 49, 82, 101 |
| Decimal | 3237198 |
| CIELab | 38.74, -23.47, 7.74 |
| CIElCh | 39, 24.716, 161.740 |
| Yxy | 10.5104, 0.2737, 0.3943 |
| Android (android.graphics.Color) | 4281427278 (0xFF31654E) |
| YUV | 82.8300, -2.3812, -29.6689 |
| Hunter-Lab | 32.4197, -16.5665, 6.5052 |

Details

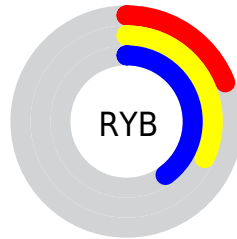
The Hex color **31654E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **653148**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **63987F**, and **003622** is the 20% darker color. If you saturate the color by 10%, you get **27654A**, and if you desaturate by 10%, it is **3B6552**.

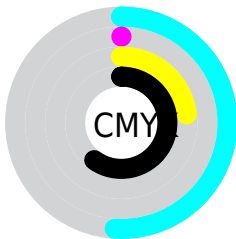
Distribution



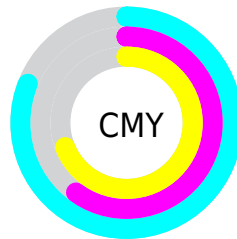
- Red (19%)
- Green (40%)
- Blue (31%)



- Red (19%)
- Yellow (32%)
- Blue (40%)



- Cyan (51%)
- Magenta (0%)
- Yellow (23%)
- Black (60%)





- Cyan (81%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31654E 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 31654E by changing the saturation by 10% instead.

 31654E

 31654E

FFFFFF

 184D37

 63987F

 003622

 7DB399

 00210C


 98CFB4


 000000

 B3EBCF

 CFFFE0

 EBFFFF

 31654E

 31654E

 27654A

 3B6552

■ 1D6545

■ 456557

■ 136541

■ 4F655B

■ 09653C

■ 596560

■ 006538

■ 646564

■ 6E6569

■ 78656D

■ 826572

■ 8C6576

Harmonies

Analogous

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



4A623D



31654E



116663

Triad

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



31654E



4B5B82



7F4F41

Complementary

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



31654E



653148

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.



824C54



31654E



685379

Square

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



31654E



276181



7B4D68



735635

Rectangle

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



31654E



006570



7B4D68



814D47

Sweetspot

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



31654E



6F8279



486531



36423D



C2C2C2



424242

Same Dimension

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



31654E



31825E



316265



2E3331



007340



00F287

Inverse Universe

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



653148



823155



653431



332E30



730033



F2006B

Previews

White Background



This preview shows how the Hex color 31654E looks on a white background.

Color Contrast Check

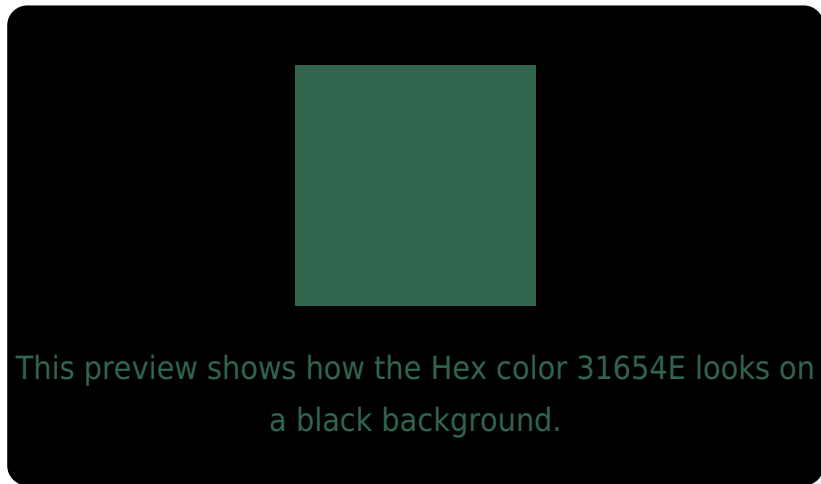
Large Text (above 18pt) WCAG AA ✓ Pass

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

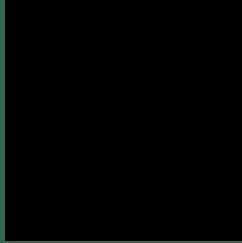
Any Text WCAG AA × Fail

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 31654E Background



This preview shows how black text looks on a background with the Hex color 31654E.



This preview shows how white text looks on a background with the Hex color 31654E.

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
31654E

Protanopia
605B49

Deuteranopia
675851



Tritanopia
396169

Trichromacy



Original Color
31654E

Protanomaly
4F5F4B

Deuteranomaly
535D50

Tritanomaly
36625F

Monochromacy



Original Color
31654E

Achromatopsia
535353

Achromatomaly
475A51

CSS Examples

Text

The CSS property to change the color of the text to Hex 31654E 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 #31654E looks like.

```
.text, #text, p{  
    color:#31654E  
}
```

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 #31654E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31654E
}
```

Border

The CSS property to change the border of an element to Hex 31654E 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".

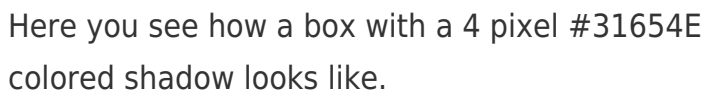
```
.border, #border, table{ border:4px solid
#31654E }
```

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

```
.border{ border-color:#31654E }
```

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

Here you see how a box with a 4 pixel #31654E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31654E; -webkit-box-shadow:4px 4px  
4px 4px #31654E; box-shadow:4px 4px 4px  
4px #31654E }
```

Background

The CSS property to change the background color of an element to Hex 31654E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31654E }
```

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

```
.background{ background-color:#31654E }
```

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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