Converting Colors

Hex(3C594E)

Have a look what the booklet for Hex(3C594E) contains.

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Color

Hex(3C594E)

Conversions

Format	Color
Hex	3C594E
RGB	60, 89, 78
RGB Percent	24%, 35%, 31%
CMY	0.7647, 0.6510, 0.6941
CMYK	0.33, 0.00, 0.12, 0.65
HSL	157°, 19%, 29%
HSV	157°, 33%, 35%
XYZ	6.8110, 8.6555, 8.5194
YIQ	79.0750, -13.7530, -9.5690

Conversions Part 1

Conversions

Conversions Part 2

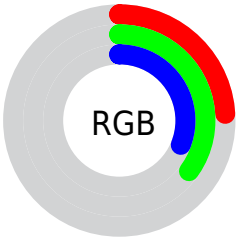
Format	Color
RYB	60, 78, 89
Decimal	3955022
CIELab	35.31, -13.49, 2.93
CIELCh	35, 13.808, 167.760
Yxy	8.6555, 0.2840, 0.3609
Android (android.graphics.Color)	4282145102 (0xFF3C594E)
YUV	79.0750, -0.5300, -16.7288
Hunter-Lab	29.4202, -10.1612, 3.4251

Details

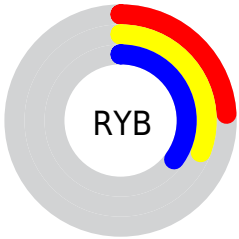
The Hex color 3C594E is a dark color, and the websafe version is hex 336666. A complement of this color would be 593C47, and the grayscale version is 4F4F4F.

A 20% lighter version of the original color is 6C8B7F, and 0F2B22 is the 20% darker color. If you saturate the color by 10%, you get 33594B, and if you desaturate by 10%, it is 455951.

Distribution

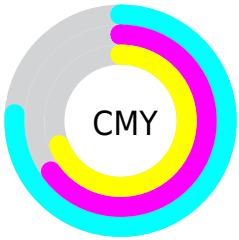


- Red (24%)
- Green (35%)
- Blue (31%)



- Red (24%)
- Yellow (31%)
- Blue (35%)

- Cyan (33%)
- Magenta (0%)
- Yellow (12%)
- Black (65%)



- Cyan (76%)
- Magenta (65%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C594E 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 3C594E by changing the saturation by 10% instead.

3C594E	3C594E
FFFFFF	254237
6C8B7F	0F2B22
86A599	00180C
A0C1B4	000000
BBDDCF	
D7F9EB	
F4FFFF	

3C594E	3C594E
33594B	455951

2A5947

215944

185940

10593D

07593A

005937

4E5955

575958

60595C

69595F

715962

7A5966

835969

8C596C

Harmonies

Analogous

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

485744

3C594E

345959

Triad

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

3C594E

4F5268

674D43

Complementary

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

3C594E

593C47

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.

6A4B4D

3C594E

5D4E62

Square

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

3C594E

405568

664C58

5F513E

Rectangle

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

3C594E

345960

664C58

694C46

Sweetspot

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

3C594E

67736E

47593C

343B38

BABABA

3B3B3B

Same Dimension

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

3C594E

467362

3C5659

272B2A

006B42

00EB92

Inverse Universe

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

593C47

734657

593F3C

2B2729

6B0029

EB0059

Previews

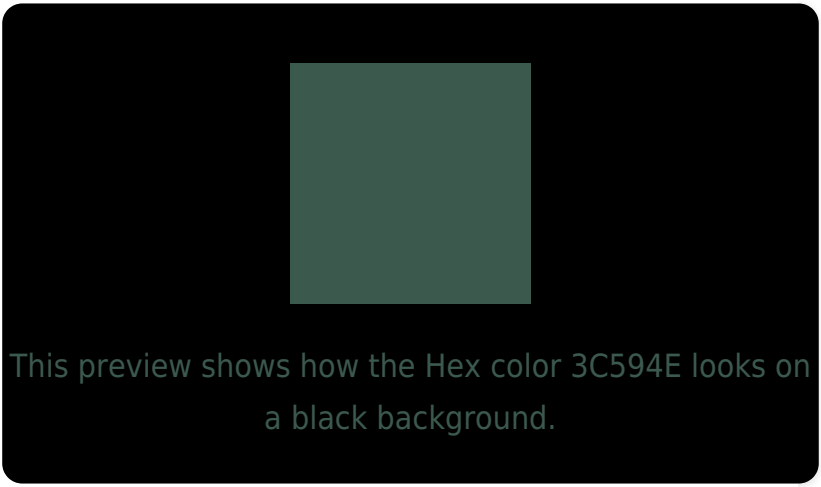
White Background

This preview shows how the Hex color 3C594E 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

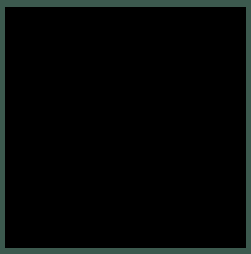


Color Contrast Check

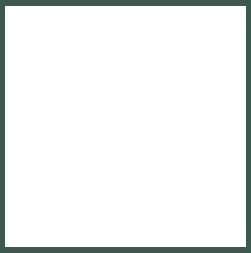
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 3C594E Background



This preview shows how black text looks on a background with the Hex color 3C594E.



This preview shows how white text looks on a background with the Hex color 3C594E.

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
3C594E

Protanopia
56534B

Deuteranopia
5C5050

Tritanopia
3F575E

Trichromacy

Original Color
3C594E

Protanomaly
4D554C

Deuteranomaly
50534F

Tritanomaly
3E5858

Monochromacy

Original Color
3C594E

Achromatopsia
4F4F4F

Achromatomaly
48534F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C594E 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 #3C594E looks like.

```
.text, #text, p{
    color:#3C594E
}
```

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 #3C594E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C594E
}
```

Border

The CSS property to change the border of an element to Hex 3C594E 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
#3C594E }
```

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

```
.border{ border-color:#3C594E }
```

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

Here you see how a box with a 4 pixel #3C594E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #3C594E; -webkit-box-shadow:4px 4px 4px 4px #3C594E; box-shadow:4px 4px 4px 4px #3C594E }
```

Background

The CSS property to change the background color of an element to Hex 3C594E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#3C594E }
```

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

```
.background{ background-color:#3C594E }
```

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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