

Converting Colors

Hex(3C7556)

Have a look what the booklet for
Hex(3C7556) contains.

Hex(3C7556)	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(3C7556)

Conversions

Conversions Part 1

Format	Color
Hex	3C7556
RGB	60, 117, 86
RGB Percent	24%, 46%, 34%
CMY	0.7647, 0.5412, 0.6627
CMYK	0.49, 0.00, 0.26, 0.54
HSL	147°, 32%, 35%
HSV	147°, 49%, 46%
XYZ	9.9045, 14.3551, 11.0529
YIQ	96.4230, -24.0210, -21.7250

Conversions

Conversions Part 2

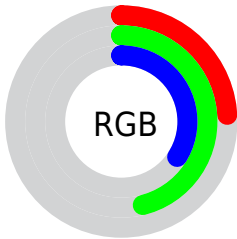
Format	Color
RYB	60, 99, 117
Decimal	3962198
CIELab	44.74, -26.51, 11.42
CIELCh	45, 28.869, 156.691
Yxy	14.3551, 0.2805, 0.4065
Android (android.graphics.Color)	4282152278 (0xFF3C7556)
YUV	96.4230, -5.1385, -31.9430
Hunter-Lab	37.8882, -19.6419, 9.2254

Details

The Hex color **3C7556** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **753C5B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **6FAA88**, and **044429** is the 20% darker color. If you saturate the color by 10%, you get **307550**, and if you desaturate by 10%, it is **48755C**.

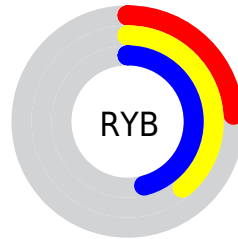
Distribution



 Red (24%)

 Green (46%)

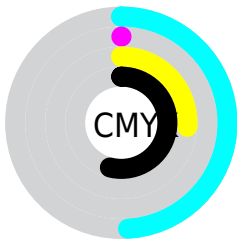
 Blue (34%)




 Red (24%)

 Yellow (39%)

 Blue (46%)

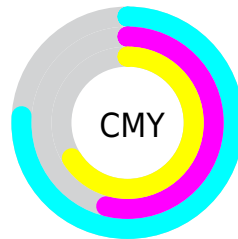


 Cyan (49%)


 Magenta (0%)

 Yellow (26%)

 Black (54%)



 Cyan (76%)

 Magenta (54%)

 Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C7556 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 3C7556 by changing the saturation by 10% instead.



3C7556



3C7556

FFFFFF



235C3F



6FAA88



044429



89C5A2



002D14



A4E1BD



001900



C0FED9



000000



DCFF5



F9FFFF



3C7556



3C7556



307550



48755C

■ 257549

■ 537563

■ 197543

■ 5F7569

■ 0D753D

■ 6B756F

■ 027536

■ 767576

■ 007535

■ 82757C

■ 8E7583

■ 9A7589

■ A5758F

Harmonies

Analogous

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



5A7142



3C7556



12776F

Triad

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



3C7556



4F6A99



965A4E

Complementary

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



3C7556



753C5B

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.



985765



3C7556



736290

Square

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



3C7556



1E7195



8C5A7D



89623E

Rectangle

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



3C7556



00767F



8C5A7D



985855

Sweetspot

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



3C7556



82998D



5B753C



3F4D45



CCCCCC



4D4D4D

Same Dimension

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



3C7556



409969



3C7572



353B37



007A38



00FA72

Inverse Universe

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



753C5B



994071



753C3F



3B3538



7A0043



FA0088

Previews

White Background



This preview shows how the Hex color 3C7556 looks on a white background.

Color Contrast Check

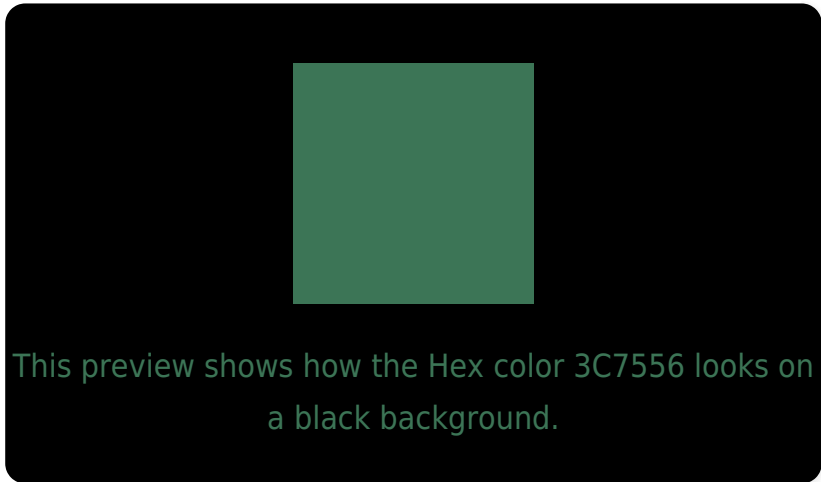
Large Text (above 18pt) WCAG AA ✓ Pass

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

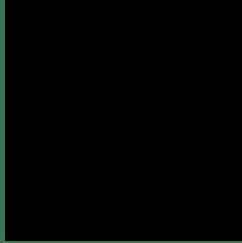
Any Text WCAG AA × Fail

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 3C7556 Background



This preview shows how black text looks on a background with the Hex color 3C7556.



This preview shows how white text looks on a background with the Hex color 3C7556.

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
3C7556

Protanopia
716951

Deuteranopia
796559



Tritanopia
457079

Trichromacy



Original Color
3C7556

Protanomaly
5E6D53

Deuteranomaly
636B58

Tritanomaly
42726C

Monochromacy



Original Color
3C7556

Achromatopsia
606060

Achromatomaly
53685C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C7556 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 #3C7556 looks like.

```
.text, #text, p{  
    color:#3C7556  
}
```

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 #3C7556 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7556
}
```

Border

The CSS property to change the border of an element to Hex 3C7556 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
#3C7556 }
```

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

```
.border{ border-color:#3C7556 }
```

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

Here you see how a box with a 4 pixel #3C7556 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7556; -webkit-box-shadow:4px 4px  
4px 4px #3C7556; box-shadow:4px 4px 4px  
4px #3C7556 }
```

Background

The CSS property to change the background color of an element to Hex 3C7556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7556 }
```

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

```
.background{ background-color:#3C7556 }
```

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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