

Converting Colors

Hex(637F34)

Have a look what the booklet for
Hex(637F34) contains.

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Color

Hex(637F34)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 637F34 |
| RGB | 99, 127, 52 |
| RGB Percent | 39%, 50%, 20% |
| CMY | 0.6118, 0.5020, 0.7961 |
| CMYK | 0.22, 0.00, 0.59, 0.50 |
| HSL | 82°, 42%, 35% |
| HSV | 82°, 59%, 50% |
| XYZ | 13.3548, 18.0793, 6.0346 |
| YIQ | 110.0780, 7.3870, -29.2610 |

Conversions

Conversions Part 2

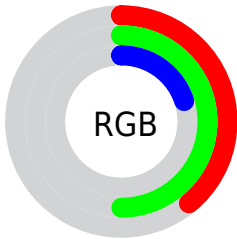
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 52, 127, 80 |
| Decimal | 6520628 |
| CIELab | 49.59, -22.79, 36.84 |
| CIELCh | 50, 43.315, 121.741 |
| Yxy | 18.0793, 0.3564, 0.4825 |
| Android (android.graphics.Color) | 4284710708 (0xFF637F34) |
| YUV | 110.0780, -28.6325, -9.7154 |
| Hunter-Lab | 42.5198, -18.3456, 21.3492 |

Details

The Hex color **637F34** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **50347F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **98B465**, and **314E01** is the 20% darker color. If you saturate the color by 10%, you get **5E7F27**, and if you desaturate by 10%, it is **687F41**.

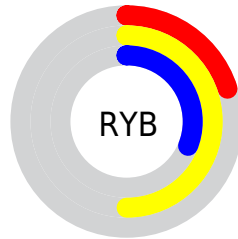
Distribution



Red (39%)

Green (50%)

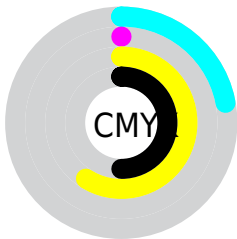
Blue (20%)



Red (20%)

Yellow (50%)

Blue (31%)

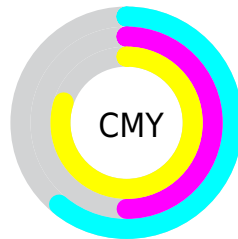


Cyan (22%)

Magenta (0%)

Yellow (59%)

Black (50%)



Cyan (61%)

Magenta (50%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637F34 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 637F34 by changing the saturation by 10% instead.

637F34

637F34

FFFFFF

4A661C

98B465

314E01

B3CF7F

1A3700

CFEC9A

002200

ECFFB5

000000

FFFFD1

FFFFED

637F34

637F34

5E7F27

687F41

■ 5A7F1B

■ 6C7F4D

■ 557F0E

■ 717F5A

■ 507F01

■ 767F67

■ 507F00

■ 7B7F74

■ 7F7F80

■ 847F8D

■ 897F9A

■ 8E7FA6

Harmonies

Analogous

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



887528



637F34



2F8552

Triad

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



637F34



0083B6



B85575

Complementary

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



637F34



50347F

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.



A55D99



637F34



2E79BF

Square

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



637F34



00879C



7A6BB5



B75A51

Rectangle

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



637F34



00886A



7A6BB5



B45782

Sweetspot

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



637F34



9BA688



7F5034



4D5442



D4D4D4



545454

Same Dimension

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



637F34



7AA630



3E7F34



3D4039



508000



000000

Inverse Universe

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



50347F



5C30A6



75347F



3C3940



300080



000000

Previews

White Background



This preview shows how the Hex color 637F34 looks on a white background.

Color Contrast Check

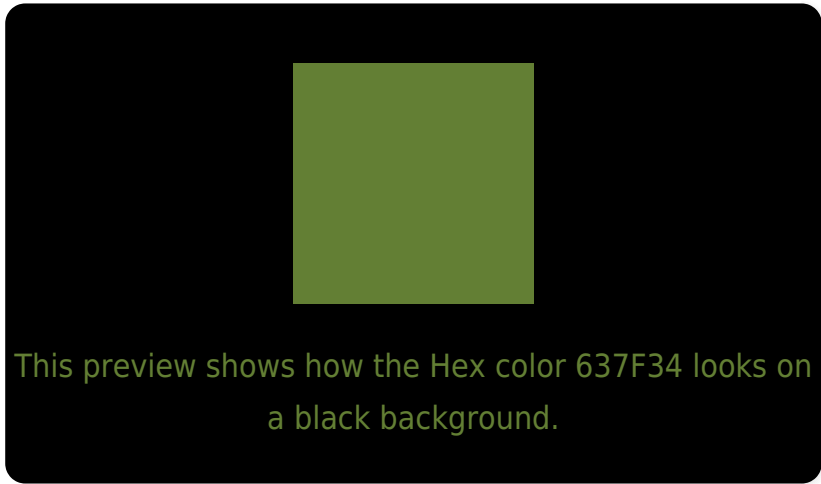
Large Text (above 18pt) WCAG AA ✓ Pass

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

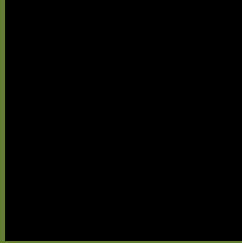
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 637F34 Background



This preview shows how black text looks on a background with the Hex color 637F34.



This preview shows how white text looks on a background with the Hex color 637F34.

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





Tritanopia
6D7781

Trichromacy



Original Color
637F34

Protanomaly
777932

Deuteranomaly
807537

Tritanomaly
697A65

Monochromacy



Original Color
637F34

Achromatopsia
6E6E6E

Achromatomaly
6A7459

CSS Examples

Text

The CSS property to change the color of the text to Hex 637F34 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 #637F34 looks like.

```
.text, #text, p{  
    color:#637F34  
}
```

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 #637F34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637F34
}
```

Border

The CSS property to change the border of an element to Hex 637F34 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
#637F34 }
```

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

```
.border{ border-color:#637F34 }
```

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

Here you see how a box with a 4 pixel #637F34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637F34; -webkit-box-shadow:4px 4px  
4px 4px #637F34; box-shadow:4px 4px 4px  
4px #637F34 }
```

Background

The CSS property to change the background color of an element to Hex 637F34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637F34 }
```

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

```
.background{ background-color:#637F34 }
```

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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