

Converting Colors

Hex(37944F)

Have a look what the booklet for
Hex(37944F) contains.

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Color

Hex(37944F)

Conversions

Conversions Part 1

Format	Color
Hex	37944F
RGB	55, 148, 79
RGB Percent	22%, 58%, 31%
CMY	0.7843, 0.4196, 0.6902
CMYK	0.63, 0.00, 0.47, 0.42
HSL	135°, 46%, 40%
HSV	135°, 63%, 58%
XYZ	13.5767, 22.5565, 11.0354
YIQ	112.3270, -33.2790, -41.1750

Conversions

Conversions Part 2

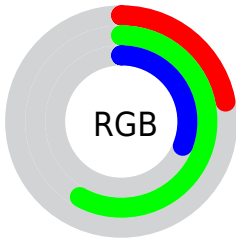
Format	Color
RYB	55, 129, 148
Decimal	3642447
CIELab	54.61, -42.99, 28.50
CIELCh	55, 51.582, 146.463
Yxy	22.5565, 0.2878, 0.4782
Android (android.graphics.Color)	4281832527 (0xFF37944F)
YUV	112.3270, -16.4302, -50.2758
Hunter-Lab	47.4937, -32.0874, 19.4693

Details

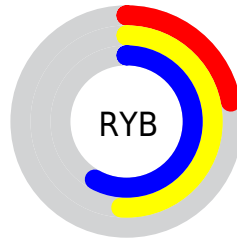
The Hex color **37944F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **94377C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **70CB81**, and **006020** is the 20% darker color. If you saturate the color by 10%, you get **289444**, and if you desaturate by 10%, it is **46945A**.

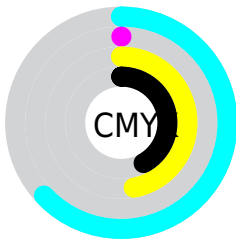
Distribution



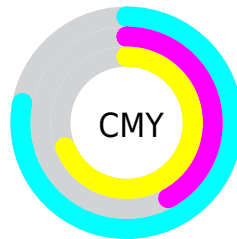
- Red (22%)
- Green (58%)
- Blue (31%)



- Red (22%)
- Yellow (51%)
- Blue (58%)



- Cyan (63%)
- Magenta (0%)
- Yellow (47%)
- Black (42%)



- Cyan (78%)
- Magenta (42%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37944F 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 37944F by changing the saturation by 10% instead.

 37944F

 37944F

FFFFFF

 147A37

 70CB81

 006020

 8BE79C

 004808

 A7FFB7

 003000

 C4FFD3

 001900

 E1FFE7

 000000

 37944F

 37944F

 289444

 46945A

 199439

 559465

 0B942E

 639470

 009426

 72947B

 819486

 909491

 9F949C

 AD94A7

 BC94B2

Harmonies

Analogous

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



738C2C



37944F



00987C

Triad

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



37944F



0089DC



D35E5E

Complementary

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



37944F



94377C

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.



D05A8A



37944F



7A79D3

Square

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



37944F



0093CC



B466B5



C06D38

Rectangle

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



37944F



00989B



B466B5



D45B6C

Sweetspot

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



37944F



9BBFA4



7D9437



4B6150



E0E0E0



616161

Same Dimension

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



37944F



30BF55



37947D



434A44



008A24



000A03

Inverse Universe

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



94377C



BF309A



94374E



4A4348



8A0066



0A0008

Previews

White Background



This preview shows how the Hex color 37944F looks on a white background.

Color Contrast Check

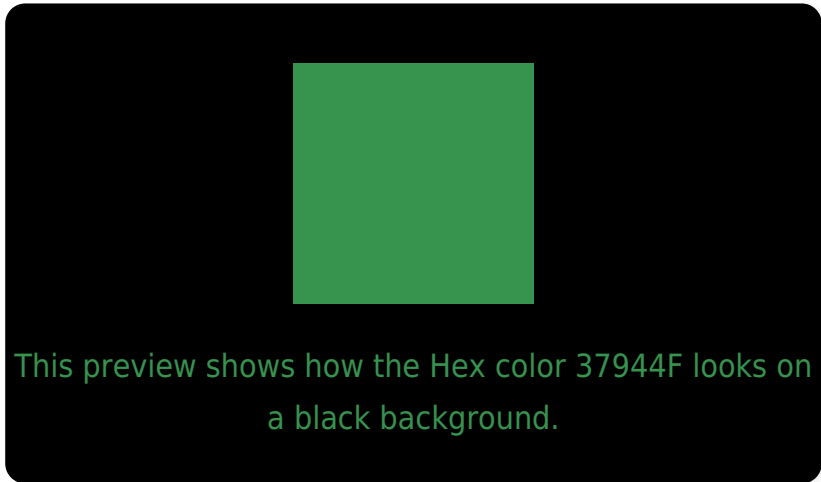
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 37944F Background



This preview shows how black text looks on a background with the Hex color 37944F.



This preview shows how white text looks on a background with the Hex color 37944F.

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



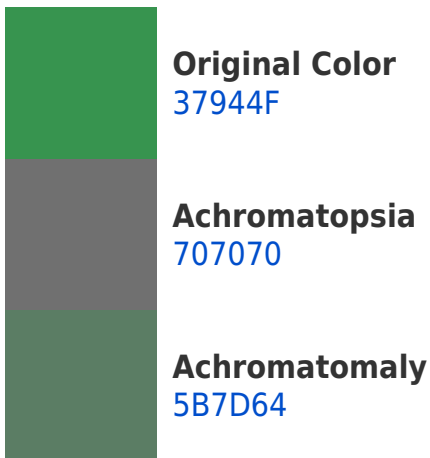


Tritanopia
4C8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37944F 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 #37944F looks like.

```
.text, #text, p{  
    color:#37944F  
}
```

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 #37944F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37944F
}
```

Border

The CSS property to change the border of an element to Hex 37944F 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
#37944F }
```

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

```
.border{ border-color:#37944F }
```

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

Here you see how a box with a 4 pixel #37944F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37944F; -webkit-box-shadow:4px 4px  
4px 4px #37944F; box-shadow:4px 4px 4px  
4px #37944F }
```

Background

The CSS property to change the background color of an element to Hex 37944F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37944F }
```

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

```
.background{ background-color:#37944F }
```

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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