

Converting Colors

Hex(127F3A)

Have a look what the booklet for
Hex(127F3A) contains.

Hex(127F3A)	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(127F3A)

Conversions

Conversions Part 1

Format	Color
Hex	127F3A
RGB	18, 127, 58
RGB Percent	7%, 50%, 23%
CMY	0.9294, 0.5020, 0.7725
CMYK	0.86, 0.00, 0.54, 0.50
HSL	142°, 75%, 28%
HSV	142°, 86%, 50%
XYZ	8.6025, 15.6128, 6.5632
YIQ	86.5430, -42.8150, -44.5670

Conversions

Conversions Part 2

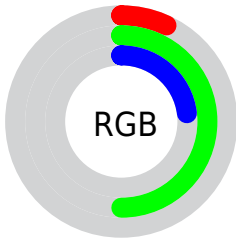
Format	Color
RYB	18, 98, 127
Decimal	1212218
CIELab	46.46, -44.74, 29.28
CIElCh	46, 53.470, 146.803
Yxy	15.6128, 0.2795, 0.5073
Android (android.graphics.Color)	4279402298 (0xFF127F3A)
YUV	86.5430, -14.0717, -60.1122
Hunter-Lab	39.5131, -30.2859, 17.8110

Details

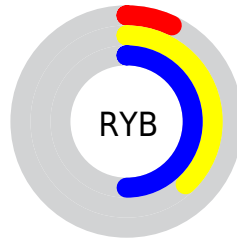
The Hex color **127F3A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7F1257**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **54B56B**, and **004C0B** is the 20% darker color. If you saturate the color by 10%, you get **057F32**, and if you desaturate by 10%, it is **1F7F42**.

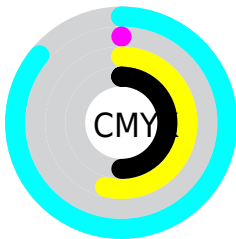
Distribution



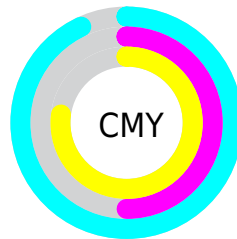
- Red (7%)
- Green (50%)
- Blue (23%)



- Red (7%)
- Yellow (38%)
- Blue (50%)



- Cyan (86%)
- Magenta (0%)
- Yellow (54%)
- Black (50%)



- Cyan (93%)
- Magenta (50%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 127F3A 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 127F3A by changing the saturation by 10% instead.

 127F3A

 127F3A

FFFFFF

 006523

 54B56B

 004C0B

 70D184

 003400

 8CED9F

 001F00

 A9FFBA

 000000

 C6FFD6

 E3FFF3

 127F3A

 127F3A

 057F32

 1F7F42

■ 007F2F

■ 2B7F4A

■ 387F52

■ 457F5A

■ 527F62

■ 5E7F6A

■ 6B7F72

■ 787F7A

■ 847F82

Harmonies

Analogous

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



5D7711



127F3A



008368

Triad

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



127F3A



0075C8



BC4648

Complementary

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



127F3A



7F1257

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.



BB4175



127F3A



6464BF

Square

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



127F3A



007FB9



9F50A0



A95821

Rectangle

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



127F3A



008387



9F50A0



BE4257

Sweetspot

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



127F3A



7BA68A



577F12



3A5444



D4D4D4



545454

Same Dimension

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



127F3A



00A63D



127F70



39403C



00802F



000000

Inverse Universe

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



7F1257



A60069



7F1221



40393D



800051



000000

Previews

White Background



This preview shows how the Hex color 127F3A looks on a white background.

Color Contrast Check

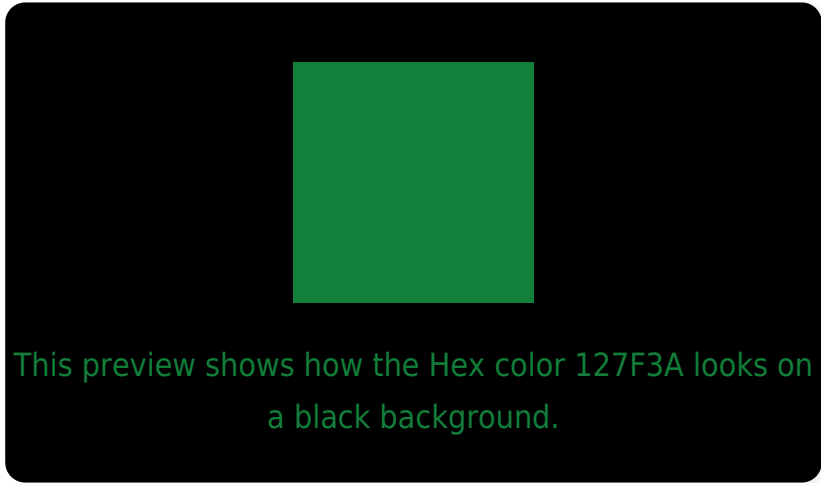
Large Text (above 18pt) WCAG AA ✓ Pass

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 127F3A Background



This preview shows how black text looks on a background with the Hex color 127F3A.



This preview shows how white text looks on a background with the Hex color 127F3A.

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
347781

Trichromacy



Original Color

127F3A



Protanomaly

547436



Deuteranomaly

5B713E



Tritanomaly

287A67

Monochromacy



Original Color

127F3A



Achromatopsia

575757



Achromatomaly

3E664C

CSS Examples

Text

The CSS property to change the color of the text to Hex 127F3A 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 #127F3A looks like.

```
.text, #text, p{  
    color:#127F3A  
}
```

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 #127F3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #127F3A
}
```

Border

The CSS property to change the border of an element to Hex 127F3A 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
#127F3A }
```

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

```
.border{ border-color:#127F3A }
```

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

Here you see how a box with a 4 pixel #127F3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #127F3A; -webkit-box-shadow:4px 4px  
4px 4px #127F3A; box-shadow:4px 4px 4px  
4px #127F3A }
```

Background

The CSS property to change the background color of an element to Hex 127F3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#127F3A }
```

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

```
.background{ background-color:#127F3A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor