

Converting Colors

Hex(627F13)

Have a look what the booklet for
Hex(627F13) contains.

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Color

Hex(627F13)

Conversions

Conversions Part 1

Format	Color
Hex	627F13
RGB	98, 127, 19
RGB Percent	38%, 50%, 7%
CMY	0.6157, 0.5020, 0.9255
CMYK	0.23, 0.00, 0.85, 0.50
HSL	76°, 74%, 29%
HSV	76°, 85%, 50%
XYZ	12.7439, 17.8224, 3.3845
YIQ	106.0170, 17.3840, -39.7360

Conversions

Conversions Part 2

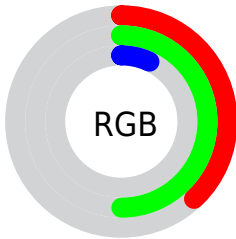
Format	Color
R_{YB}	19, 127, 48
Decimal	6455059
CIE _{Lab}	49.28, -25.47, 49.67
CIE _{LCh}	49, 55.816, 117.146
Yxy	17.8224, 0.3754, 0.5249
Android (android.graphics.Color)	4284645139 (0xFF627F13)
YUV	106.0170, -42.8994, -7.0309
Hunter-Lab	42.2166, -19.9953, 24.7984

Details

The Hex color **627F13** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **30137F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **98B44A**, and **2F4E00** is the 20% darker color. If you saturate the color by 10%, you get **5F7F06**, and if you desaturate by 10%, it is **657F20**.

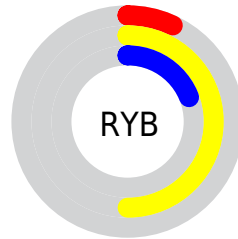
Distribution



Red (38%)

Green (50%)

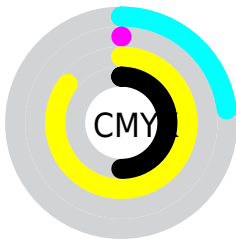
Blue (7%)



Red (7%)

Yellow (50%)

Blue (19%)

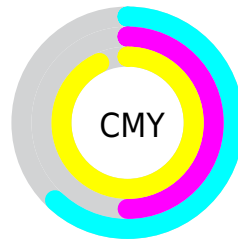


Cyan (23%)

Magenta (0%)

Yellow (85%)

Black (50%)



Cyan (62%)

Magenta (50%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 627F13 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 627F13 by changing the saturation by 10% instead.

 627F13

 627F13

FFFFFF

 486600

 98B44A

 2F4E00

 B4CF64

 143700

 D0EC7F

 002200

 EDFF9A

 000000

 FFFFB5

 FFFFD1

 FFFFEE

 627F13

 627F13

■ 5F7F06

■ 657F20

■ 5D7F00

■ 697F2C

■ 6C7F39

■ 707F46

■ 737F53

■ 767F5F

■ 7A7F6C

■ 7D7F79

■ 817F85

Harmonies

Analogous

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



907100



627F13



12873F

Triad

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



627F13



0087C4



C6467C

Complementary

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



627F13



30137F

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.



AA55A9



627F13



007CD4

Square

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



627F13



008B9F



6B6BCA



C84B4D

Rectangle

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



627F13



008A5E



6B6BCA



C0498C

Sweetspot

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



627F13



9AA67B



7F3013



4D543A



D4D4D4



545454

Same Dimension

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



627F13



79A600



2C7F13



3E4039



5D8000



000000

Inverse Universe

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



30137F



2D00A6



66137F



3B3940



220080



000000

Previews

White Background



This preview shows how the Hex color 627F13 looks on a white background.

Color Contrast Check

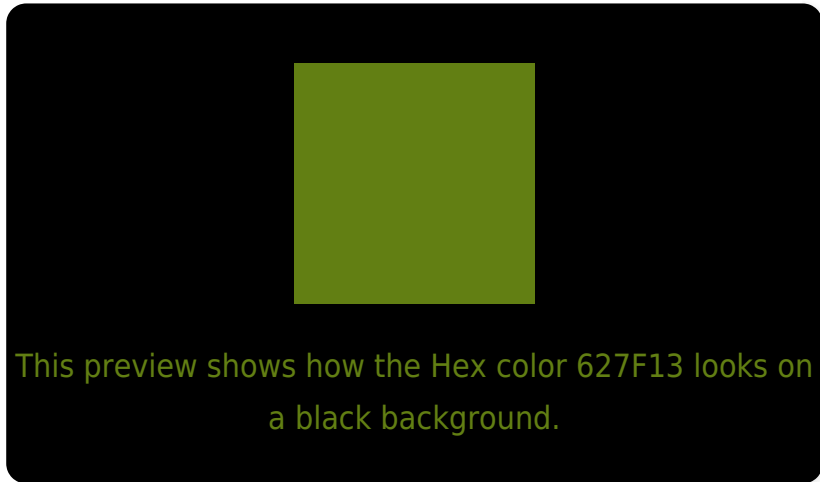
Large Text (above 18pt) WCAG AA ✓ Pass

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 627F13 Background



This preview shows how black text looks on a background with the Hex color 627F13.



This preview shows how white text looks on a background with the Hex color 627F13.

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
627F13

Protanopia
847510

Deuteranopia
936F1D



Tritanopia
6D7680

Trichromacy



Original Color
627F13

Protanomaly
787911

Deuteranomaly
817519

Tritanomaly
697958

Monochromacy



Original Color
627F13

Achromatopsia
6A6A6A

Achromatomaly
67724A

CSS Examples

Text

The CSS property to change the color of the text to Hex 627F13 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 #627F13 looks like.

```
.text, #text, p{  
    color:#627F13  
}
```

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 #627F13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627F13
}
```

Border

The CSS property to change the border of an element to Hex 627F13 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
#627F13 }
```

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

```
.border{ border-color:#627F13 }
```

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

Here you see how a box with a 4 pixel #627F13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627F13; -webkit-box-shadow:4px 4px  
4px 4px #627F13; box-shadow:4px 4px 4px  
4px #627F13 }
```

Background

The CSS property to change the background color of an element to Hex 627F13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627F13 }
```

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

```
.background{ background-color:#627F13 }
```

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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