

Converting Colors

Hex(667D13)

Have a look what the booklet for
Hex(667D13) contains.

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Color

Hex(667D13)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 667D13 |
| RGB | 102, 125, 19 |
| RGB Percent | 40%, 49%, 7% |
| CMY | 0.6000, 0.5098, 0.9255 |
| CMYK | 0.18, 0.00, 0.85, 0.51 |
| HSL | 73°, 74%, 28% |
| HSV | 73°, 85%, 49% |
| XYZ | 12.9306, 17.5390, 3.3199 |
| YIQ | 106.0390, 20.3180, -37.8420 |

Conversions

Conversions Part 2

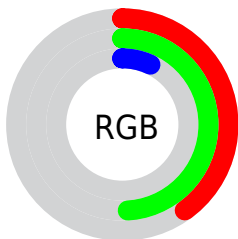
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 19, 125, 42 |
| Decimal | 6716691 |
| CIE Lab | 48.93, -22.72, 49.47 |
| CIE LCh | 49, 54.440, 114.671 |
| Yxy | 17.5390, 0.3827, 0.5191 |
| Android (android.graphics.Color) | 4284906771 (0xFF667D13) |
| YUV | 106.0390, -42.9102, -3.5422 |
| Hunter-Lab | 41.8796, -18.1761, 24.6156 |

Details

The Hex color **667D13** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2A137D**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9CB24A**, and **334C00** is the 20% darker color. If you saturate the color by 10%, you get **637D07**, and if you desaturate by 10%, it is **697D1F**.

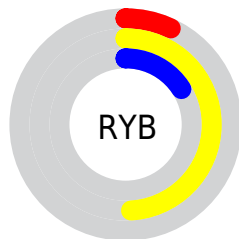
Distribution



Red (40%)

Green (49%)

Blue (7%)



Red (7%)

Yellow (49%)

Blue (16%)

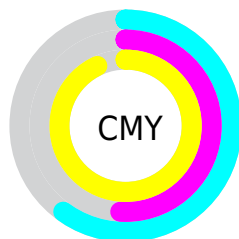


Cyan (18%)

Magenta (0%)

Yellow (85%)

Black (51%)



Cyan (60%)

Magenta (51%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 667D13 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 667D13 by changing the saturation by 10% instead.



667D13



667D13

FFFFFF



4C6400



9CB24A



334C00



B8CD64



193500



D4E97E



002100



F2FF99



000000



FFFFB5



FFFFD1



FFFFEE



667D13



667D13

■ 637D07

■ 697D1F

■ 627D00

■ 6B7D2C

■ 6E7D39

■ 717D45

■ 747D52

■ 767D5E

■ 797D6B

■ 7C7D77

■ 7E7D84

Harmonies

Analogous

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



926F06



667D13



23853C

Triad

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



667D13



0086BF



C2477F

Complementary

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



667D13



2A137D

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.



A457AA



667D13



007CD0

Square

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



667D13



008A99



646CC9



C64B51

Rectangle

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



667D13



00885A



646CC9



BB4B8E

Sweetspot

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



667D13



9AA37A



7D2A13



4C5239



D1D1D1



525252

Same Dimension

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



667D13



80A300



317D13



3E4039



648000



000000

Inverse Universe

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



2A137D



2300A3



5F137D



3B3940



1C0080



000000

Previews

White Background



This preview shows how the Hex color 667D13 looks on a white background.

Color Contrast Check

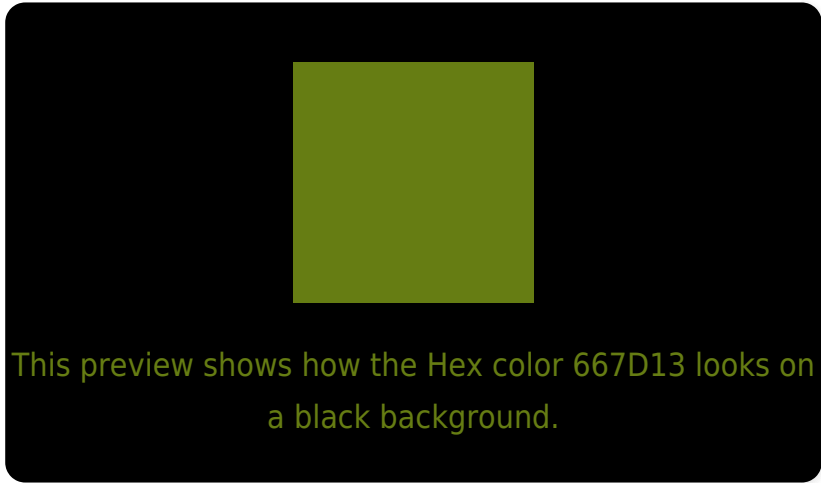
Large Text (above 18pt) WCAG AA ✓ Pass

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 667D13 Background



This preview shows how black text looks on a background with the Hex color 667D13.



This preview shows how white text looks on a background with the Hex color 667D13.

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
667D13

Protanopia
837410

Deuteranopia
926E1C



Tritanopia
70747E

Trichromacy



Original Color
667D13

Protanomaly
787711

Deuteranomaly
827319

Tritanomaly
6C7757

Monochromacy



Original Color
667D13

Achromatopsia
6A6A6A

Achromatomaly
69714A

CSS Examples

Text

The CSS property to change the color of the text to Hex 667D13 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 #667D13 looks like.

```
.text, #text, p{  
    color:#667D13  
}
```

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 #667D13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667D13
}
```

Border

The CSS property to change the border of an element to Hex 667D13 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
#667D13 }
```

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

```
.border{ border-color:#667D13 }
```

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

Here you see how a box with a 4 pixel #667D13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667D13; -webkit-box-shadow:4px 4px  
4px 4px #667D13; box-shadow:4px 4px 4px  
4px #667D13 }
```

Background

The CSS property to change the background color of an element to Hex 667D13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667D13 }
```

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

```
.background{ background-color:#667D13 }
```

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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