

Converting Colors

Hex(6B7D15)

Have a look what the booklet for
Hex(6B7D15) contains.

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Color

Hex(6B7D15)

Conversions

Conversions Part 1

Format	Color
Hex	6B7D15
RGB	107, 125, 21
RGB Percent	42%, 49%, 8%
CMY	0.5804, 0.5098, 0.9176
CMYK	0.14, 0.00, 0.83, 0.51
HSL	70°, 71%, 29%
HSV	70°, 83%, 49%
XYZ	13.5324, 17.8472, 3.4411
YIQ	107.7620, 22.6560, -36.1600

Conversions

Conversions Part 2

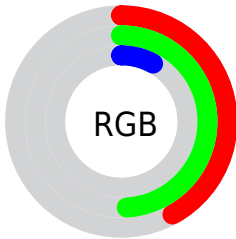
Format	Color
R_{YB}	21, 125, 39
Decimal	7044373
CIE Lab	49.31, -20.42, 49.37
CIE LCh	49, 53.429, 112.475
Yxy	17.8472, 0.3886, 0.5125
Android (android.graphics.Color)	4285234453 (0xFF6B7D15)
YUV	107.7620, -42.7737, -0.6683
Hunter-Lab	42.2459, -16.7525, 24.7428

Details

The Hex color **6B7D15** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **27157D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A1B24B**, and **384C00** is the 20% darker color. If you saturate the color by 10%, you get **697D08**, and if you desaturate by 10%, it is **6D7D22**.

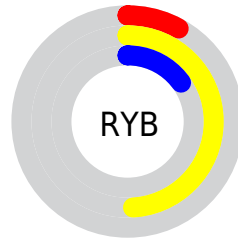
Distribution



Red (42%)

Green (49%)

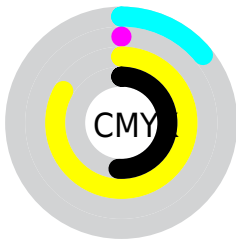
Blue (8%)



Red (8%)

Yellow (49%)

Blue (15%)

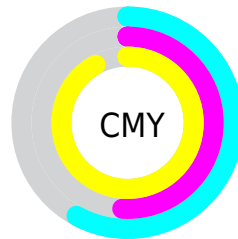


Cyan (14%)

Magenta (0%)

Yellow (83%)

Black (51%)



Cyan (58%)

Magenta (51%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7D15 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 6B7D15 by changing the saturation by 10% instead.



6B7D15



6B7D15

FFFFFF



516400



A1B24B



384C00



BDCD65



1E3500



DAE980



002100



F7FF9B



000000



FFFFB6



FFFFD2



FFFFEF



6B7D15



6B7D15

■ 697D08

■ 6D7D22

■ 677D00

■ 6F7D2E

■ 717D3B

■ 747D47

■ 767D53

■ 787D60

■ 7A7D6D

■ 7C7D79

■ 7E7D86

Harmonies

Analogous

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



966F0E



6B7D15



2E863B

Triad

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



6B7D15



0087BC



C14A83

Complementary

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



6B7D15



27157D

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.



A15AAD



6B7D15



007ECF

Square

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



6B7D15



008A97



5F6EC9



C64C55

Rectangle

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



6B7D15



008958



5F6EC9



B94E92

Sweetspot

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



6B7D15



9CA37A



7D2615



4D5239



D1D1D1



525252

Same Dimension

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



6B7D15



87A300



387D15



3F4039



698000



000000

Inverse Universe

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



27157D



1C00A3



5A157D



3A3940



160080



000000

Previews

White Background



This preview shows how the Hex color 6B7D15 looks on a white background.

Color Contrast Check

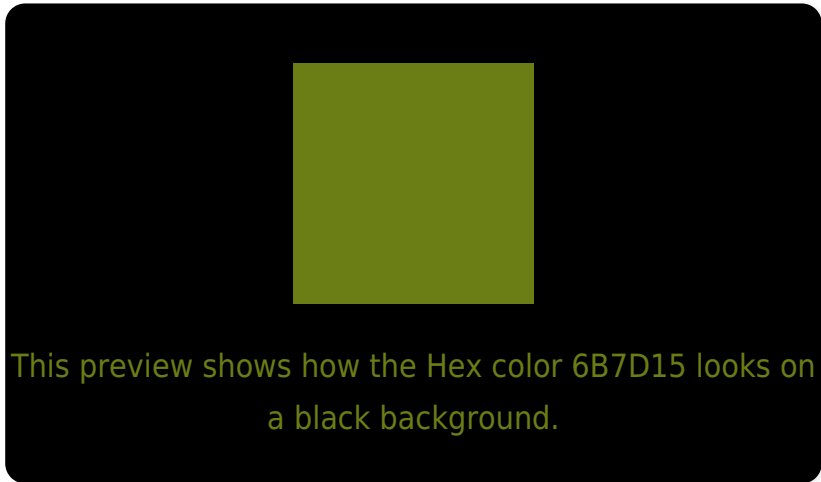
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B7D15 Background



This preview shows how black text looks on a background with the Hex color 6B7D15.



This preview shows how white text looks on a background with the Hex color 6B7D15.

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
6B7D15

Protanopia
847513

Deuteranopia
936F1D



Tritanopia
75747E

Trichromacy



Original Color
6B7D15

Protanomaly
7B7814

Deuteranomaly
84741A

Tritanomaly
717758

Monochromacy



Original Color
6B7D15

Achromatopsia
6C6C6C

Achromatomaly
6C724C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7D15 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 #6B7D15 looks like.

```
.text, #text, p{  
    color:#6B7D15  
}
```

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 #6B7D15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7D15
}
```

Border

The CSS property to change the border of an element to Hex 6B7D15 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
#6B7D15 }
```

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

```
.border{ border-color:#6B7D15 }
```

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

Here you see how a box with a 4 pixel #6B7D15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7D15; -webkit-box-shadow:4px 4px  
4px 4px #6B7D15; box-shadow:4px 4px 4px  
4px #6B7D15 }
```

Background

The CSS property to change the background color of an element to Hex 6B7D15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7D15 }
```

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

```
.background{ background-color:#6B7D15 }
```

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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