

Converting Colors

Hex(6B7328)

Have a look what the booklet for
Hex(6B7328) contains.

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Color

Hex(6B7328)

Conversions

Conversions Part 1

Format	Color
Hex	6B7328
RGB	107, 115, 40
RGB Percent	42%, 45%, 16%
CMY	0.5804, 0.5490, 0.8431
CMYK	0.07, 0.00, 0.65, 0.55
HSL	66°, 48%, 30%
HSV	66°, 65%, 45%
XYZ	12.5771, 15.5405, 4.3442
YIQ	104.0580, 19.3070, -25.0210

Conversions

Conversions Part 2

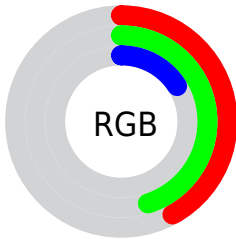
Format	Color
R_{YB}	40, 115, 48
Decimal	7041832
CIE _{Lab}	46.37, -14.03, 39.19
CIE _{LCh}	46, 41.621, 109.695
Yxy	15.5405, 0.3874, 0.4787
Android (android.graphics.Color)	4285231912 (0xFF6B7328)
YUV	104.0580, -31.5806, 2.5801
Hunter-Lab	39.4214, -12.0382, 21.0613

Details

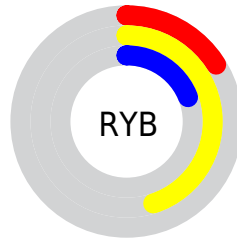
The Hex color **6B7328** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **302873**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A0A759**, and **394300** is the 20% darker color. If you saturate the color by 10%, you get **6A731D**, and if you desaturate by 10%, it is **6C7333**.

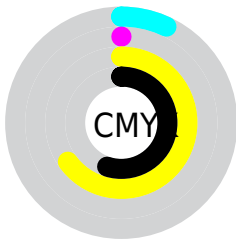
Distribution



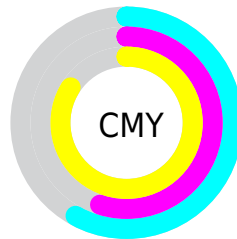
- Red (42%)
- Green (45%)
- Blue (16%)



- Red (16%)
- Yellow (45%)
- Blue (19%)



- Cyan (7%)
- Magenta (0%)
- Yellow (65%)
- Black (55%)



- Cyan (58%)
- Magenta (55%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7328 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 6B7328 by changing the saturation by 10% instead.



6B7328



6B7328

FFFFFF



515B0E



A0A759



394300



BCC273



212D00



D8DE8D



001A00



F5FAA8



000000



FFFFC3



FFFDFD



FFFFC



6B7328



6B7328

■ 6A731D

■ 6C7333

■ 697311

■ 6D733F

■ 677305

■ 6F734B

■ 677300

■ 707356

■ 717362

■ 72736D

■ 747379

■ 757384

■ 767390

Harmonies

Analogous

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



8C6826



6B7328



427A3F

Triad

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



6B7328



007CA2



A8507B

Complementary

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



6B7328



302873

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.



8D5B9B



6B7328



0075B2

Square

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



6B7328



007F84



5B69B0



AE5058

Rectangle

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



6B7328



107D54



5B69B0



A15387

Sweetspot

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



6B7328



939678



732F28



4B4D3A



CCCCCC



4D4D4D

Same Dimension

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



6B7328



8A9621



467328



3A3B35



6D7A00



DFFA00

Inverse Universe

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



302873



2E2196



552873



35353B



0D007A



1B00FA

Previews

White Background



This preview shows how the Hex color 6B7328 looks on a white background.

Color Contrast Check

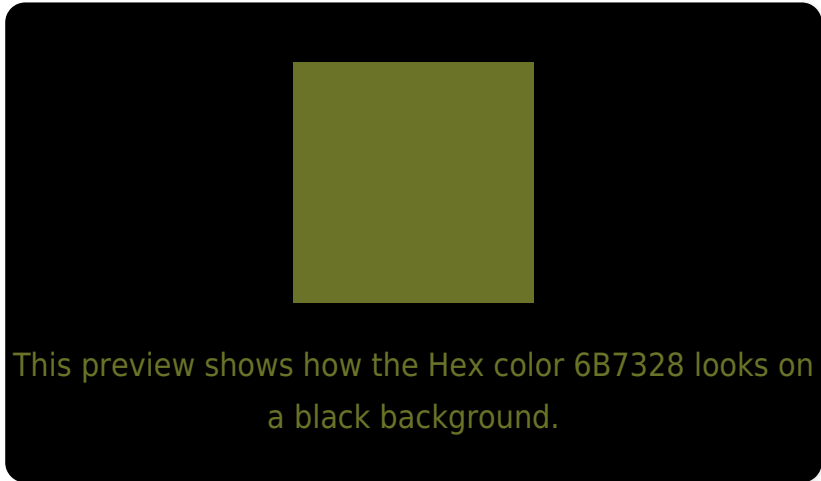
Large Text (above 18pt) WCAG AA ✓ Pass

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

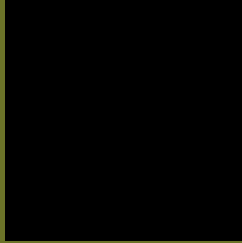
Any Text WCAG AA × Fail

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 6B7328 Background



This preview shows how black text looks on a background with the Hex color 6B7328.



This preview shows how white text looks on a background with the Hex color 6B7328.

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
6B7328

Protanopia
7B6E27

Deuteranopia
89682B



Tritanopia
736C74

Trichromacy



Original Color
6B7328

Protanomaly
757027

Deuteranomaly
7E6C2A

Tritanomaly
706F58

Monochromacy



Original Color
6B7328

Achromatopsia
686868

Achromatomaly
696C51

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7328 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 #6B7328 looks like.

```
.text, #text, p{  
    color:#6B7328  
}
```

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 #6B7328 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7328
}
```

Border

The CSS property to change the border of an element to Hex 6B7328 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
#6B7328 }
```

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

```
.border{ border-color:#6B7328 }
```

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

Here you see how a box with a 4 pixel #6B7328 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7328; -webkit-box-shadow:4px 4px  
4px 4px #6B7328; box-shadow:4px 4px 4px  
4px #6B7328 }
```

Background

The CSS property to change the background color of an element to Hex 6B7328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7328 }
```

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

```
.background{ background-color:#6B7328 }
```

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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