

Converting Colors

Hex(5B7512)

Have a look what the booklet for
Hex(5B7512) contains.

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Color

Hex(5B7512)

Conversions

Conversions Part 1

Format	Color
Hex	5B7512
RGB	91, 117, 18
RGB Percent	36%, 46%, 7%
CMY	0.6431, 0.5412, 0.9294
CMYK	0.22, 0.00, 0.85, 0.54
HSL	76°, 73%, 26%
HSV	76°, 85%, 46%
XYZ	10.7849, 14.9904, 2.8973
YIQ	97.9400, 16.2830, -36.3010

Conversions

Conversions Part 2

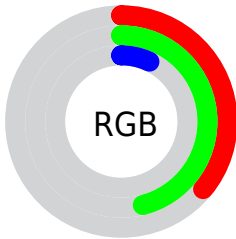
Format	Color
RYB	18, 117, 44
Decimal	5993746
CIELab	45.62, -23.54, 46.53
CIElCh	46, 52.152, 116.838
Yxy	14.9904, 0.3761, 0.5228
Android (android.graphics.Color)	4284183826 (0xFF5B7512)
YUV	97.9400, -39.4104, -6.0864
Hunter-Lab	38.7174, -18.0338, 22.6654

Details

The Hex color **5B7512** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2C1275**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **90A948**, and **294500** is the 20% darker color. If you saturate the color by 10%, you get **587506**, and if you desaturate by 10%, it is **5E751E**.

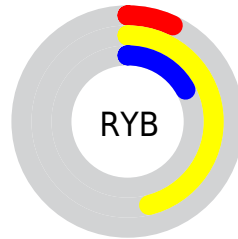
Distribution



Red (36%)

Green (46%)

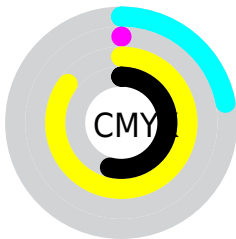
Blue (7%)



Red (7%)

Yellow (46%)

Blue (17%)

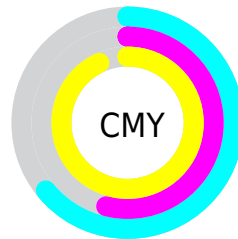


Cyan (22%)

Magenta (0%)

Yellow (85%)

Black (54%)



Cyan (64%)

Magenta (54%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7512 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 5B7512 by changing the saturation by 10% instead.



5B7512



5B7512

FFFFFF



415C00



90A948



294500



ACC461



0D2E00



C8E07B



001C00



E5FD96



000000



FFFFB2



FFFCE



FFFEEA



5B7512



5B7512

■ 587506

■ 5E751E

■ 567500

■ 617529

■ 647535

■ 677541

■ 6A754D

■ 6D7558

■ 717564

■ 747570

■ 77757B

Harmonies

Analogous

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



856802



5B7512



147C39

Triad

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



5B7512



007CB5



B74173

Complementary

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



5B7512



2C1275

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.



9C4E9C



5B7512



0073C3

Square

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



5B7512



008092



6262BA



B84547

Rectangle

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



5B7512



007F57



6262BA



B14481

Sweetspot

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



5B7512



8F9973



752B12



464D36



CCCCCC



4D4D4D

Same Dimension

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



5B7512



719900



2B7512



393B35



5A7A00



B8FA00

Inverse Universe

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



2C1275



280099



5C1275



36353B



20007A



4200FA

Previews

White Background



This preview shows how the Hex color 5B7512 looks on a white background.

Color Contrast Check

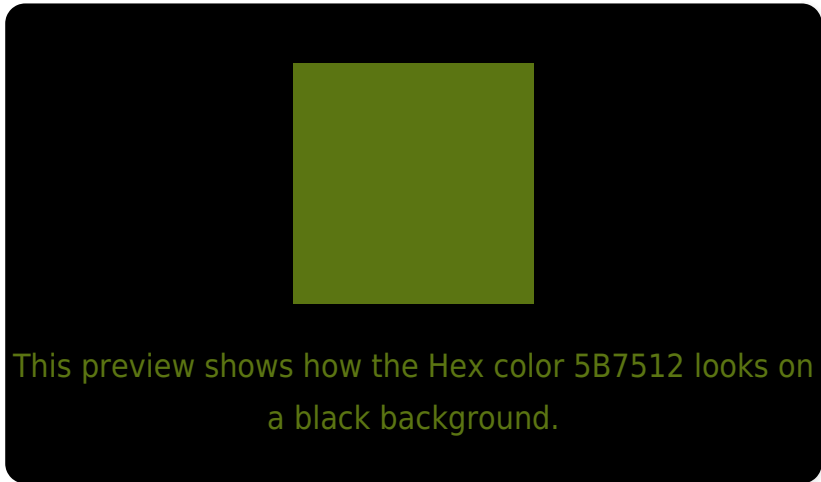
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B7512 Background



This preview shows how black text looks on a background with the Hex color 5B7512.



This preview shows how white text looks on a background with the Hex color 5B7512.

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](#).

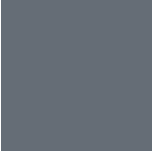
Dichromacy



Original Color
5B7512

Protanopia
796C0F

Deuteranopia
88661B



Tritanopia
656D76

Trichromacy



Original Color
5B7512

Protanomaly
6E6F10

Deuteranomaly
786B18

Tritanomaly
617052

Monochromacy



Original Color
5B7512

Achromatopsia
626262

Achromatomaly
5F6945

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7512 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 #5B7512 looks like.

```
.text, #text, p{  
    color:#5B7512  
}
```

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 #5B7512 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7512
}
```

Border

The CSS property to change the border of an element to Hex 5B7512 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
#5B7512 }
```

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

```
.border{ border-color:#5B7512 }
```

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

Here you see how a box with a 4 pixel #5B7512 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7512; -webkit-box-shadow:4px 4px  
4px 4px #5B7512; box-shadow:4px 4px 4px  
4px #5B7512 }
```

Background

The CSS property to change the background color of an element to Hex 5B7512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7512 }
```

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

```
.background{ background-color:#5B7512 }
```

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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