

Converting Colors

Hex(5D7222)

Have a look what the booklet for
Hex(5D7222) contains.

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Color

Hex(5D7222)

Conversions

Conversions Part 1

Format	Color
Hex	5D7222
RGB	93, 114, 34
RGB Percent	36%, 45%, 13%
CMY	0.6353, 0.5529, 0.8667
CMYK	0.18, 0.00, 0.70, 0.55
HSL	76°, 54%, 29%
HSV	76°, 70%, 45%
XYZ	10.8202, 14.4773, 3.7375
YIQ	98.6010, 13.1640, -29.3320

Conversions

Conversions Part 2

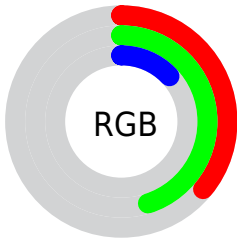
Format	Color
RYB	34, 114, 55
Decimal	6124066
CIELab	44.91, -20.21, 40.02
CIELCh	45, 44.834, 116.800
Yxy	14.4773, 0.3727, 0.4986
Android (android.graphics.Color)	4284314146 (0xFF5D7222)
YUV	98.6010, -31.8483, -4.9121
Hunter-Lab	38.0490, -15.8246, 20.8104

Details

The Hex color **5D7222** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **372272**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **92A653**, and **2C4200** is the 20% darker color. If you saturate the color by 10%, you get **5A7217**, and if you desaturate by 10%, it is **60722D**.

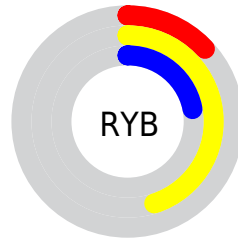
Distribution



Red (36%)

Green (45%)

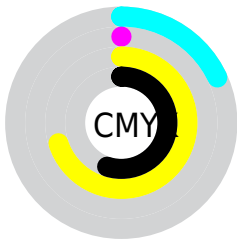
Blue (13%)



Red (13%)

Yellow (45%)

Blue (22%)

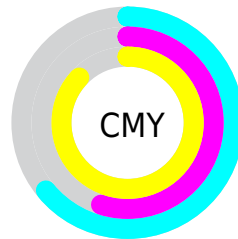


Cyan (18%)

Magenta (0%)

Yellow (70%)

Black (55%)



Cyan (64%)

Magenta (55%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D7222 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 5D7222 by changing the saturation by 10% instead.



5D7222



5D7222

FFFFFF



445906



92A653



2C4200



ADC16D



132C00



C9DD87



001900



E5FAA2



000000



FFFFBD



FFFFD9



FFFFF6



5D7222



5D7222

■ 5A7217

■ 60722D

■ 57720B

■ 637239

■ 547200

■ 667244

■ 697250

■ 6C725B

■ 6F7266

■ 727272

■ 75727D

■ 787289

Harmonies

Analogous

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



826719



5D7222



2A793F

Triad

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



5D7222



0078A8



AB4870

Complementary

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



5D7222



372272

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.



945294



5D7222



0070B5

Square

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



5D7222



007C8B



6462AD



AD4B4B

Rectangle

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



5D7222



007B58



6462AD



A64A7C

Sweetspot

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



5D7222



8C9475



723622



454A37



C9C9C9



4A4A4A

Same Dimension

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



5D7222



739418



367222



373832



587800



B6F700

Inverse Universe

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



372272



381894



5E2272



343238



1F0078



4100F7

Previews

White Background



This preview shows how the Hex color 5D7222 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

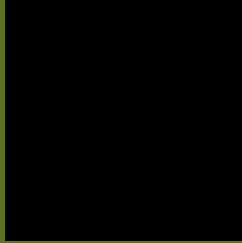
Any Text WCAG AA × Fail

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 5D7222 Background



This preview shows how black text looks on a background with the Hex color 5D7222.



This preview shows how white text looks on a background with the Hex color 5D7222.

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
5D7222

Protanopia
776A20

Deuteranopia
846527



Tritanopia
666A73

Trichromacy



Original Color
5D7222

Protanomaly
6E6D21

Deuteranomaly
766A25

Tritanomaly
636D56

Monochromacy



Original Color
5D7222

Achromatopsia
636363

Achromatomaly
61684B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D7222 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 #5D7222 looks like.

```
.text, #text, p{  
    color:#5D7222  
}
```

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 #5D7222 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D7222
}
```

Border

The CSS property to change the border of an element to Hex 5D7222 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".

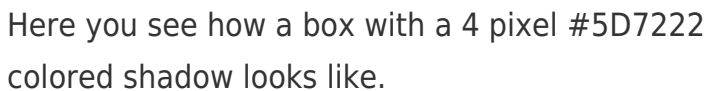
```
.border, #border, table{ border:4px solid
#5D7222 }
```

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

```
.border{ border-color:#5D7222 }
```

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

Here you see how a box with a 4 pixel #5D7222 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D7222; -webkit-box-shadow:4px 4px  
4px 4px #5D7222; box-shadow:4px 4px 4px  
4px #5D7222 }
```

Background

The CSS property to change the background color of an element to Hex 5D7222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D7222 }
```

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

```
.background{ background-color:#5D7222 }
```

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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