

Converting Colors

Hex(5C7A20)

Have a look what the booklet for
Hex(5C7A20) contains.

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Color

Hex(5C7A20)

Conversions

Conversions Part 1

Format	Color
Hex	5C7A20
RGB	92, 122, 32
RGB Percent	36%, 48%, 13%
CMY	0.6392, 0.5216, 0.8745
CMYK	0.25, 0.00, 0.74, 0.52
HSL	80°, 58%, 30%
HSV	80°, 74%, 48%
XYZ	11.6339, 16.2987, 3.8993
YIQ	102.7700, 11.0100, -34.3500

Conversions

Conversions Part 2

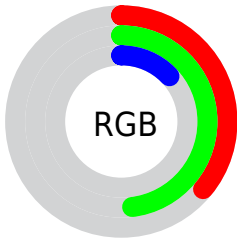
Format	Color
R_{YB}	32, 122, 62
Decimal	6060576
CIE _{Lab}	47.36, -24.86, 43.32
CIE _{LCh}	47, 49.953, 119.852
Yxy	16.2987, 0.3655, 0.5120
Android (android.graphics.Color)	4284250656 (0xFF5C7A20)
YUV	102.7700, -34.8896, -9.4453
Hunter-Lab	40.3716, -19.2120, 22.5336

Details

The Hex color **5C7A20** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3E207A**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **91AF53**, and **2A4900** is the 20% darker color. If you saturate the color by 10%, you get **587A14**, and if you desaturate by 10%, it is **607A2C**.

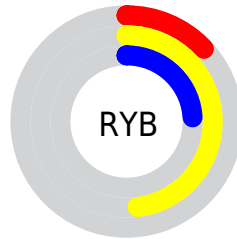
Distribution



Red (36%)

Green (48%)

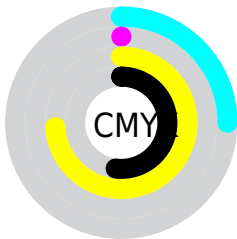
Blue (13%)



Red (13%)

Yellow (48%)

Blue (24%)

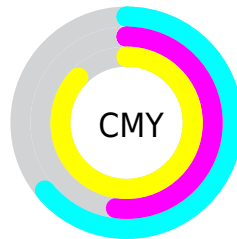


Cyan (25%)

Magenta (0%)

Yellow (74%)

Black (52%)



Cyan (64%)

Magenta (52%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C7A20 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 5C7A20 by changing the saturation by 10% instead.



5C7A20



5C7A20

FFFFFF



426101



91AF53



2A4900



ACCA6C



0F3200



C8E686



001F00



E5FFA1



000000



FFFFBD



FFFFD9



FFFFF6



5C7A20



5C7A20

■ 587A14

■ 607A2C

■ 547A08

■ 647A38

■ 517A00

■ 687A45

■ 6C7A51

■ 707A5D

■ 747A69

■ 787A75

■ 7D7A82

■ 817A8E

Harmonies

Analogous

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



866E10



5C7A20



178144

Triad

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



5C7A20



007FB9



BA4872

Complementary

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



5C7A20



3E207A

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.



A3539B



5C7A20



0075C5

Square

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



5C7A20



008499



6F65BA



BA4E49

Rectangle

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



5C7A20



008360



6F65BA



B54A80

Sweetspot

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



5C7A20



939E7B



7A3E20



484F3A



CFCFCF



4F4F4F

Same Dimension

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



5C7A20



6F9E11



2F7A20



3B3D37



537D00



A8FC00

Inverse Universe

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



3E207A



40119E



6B207A



39373D



2A007D



5400FC

Previews

White Background



This preview shows how the Hex color 5C7A20 looks on a white background.

Color Contrast Check

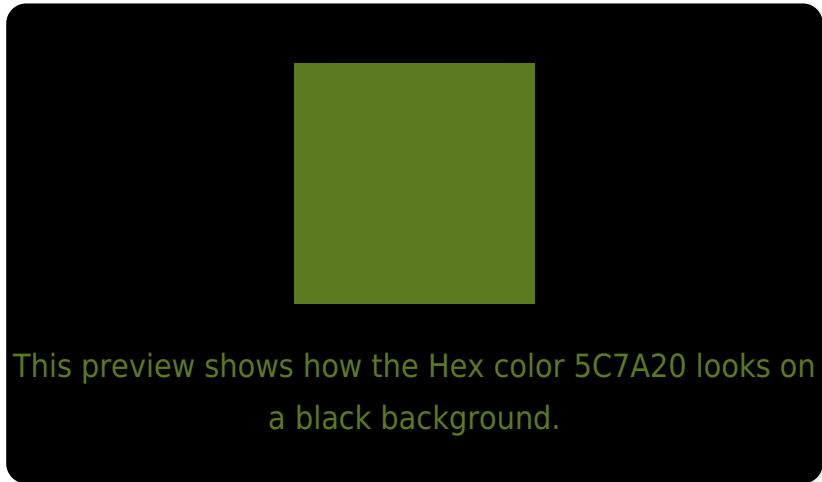
Large Text (above 18pt) WCAG AA ✓ Pass

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

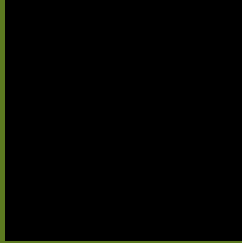
Any Text WCAG AA × Fail

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 5C7A20 Background



This preview shows how black text looks on a background with the Hex color 5C7A20.



This preview shows how white text looks on a background with the Hex color 5C7A20.

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
5C7A20

Protanopia
7E701E

Deuteranopia
8C6A26



Tritanopia
66727B

Trichromacy



Original Color
5C7A20

Protanomaly
72741F

Deuteranomaly
7B7024

Tritanomaly
62755A

Monochromacy



Original Color
5C7A20

Achromatopsia
676767

Achromatomaly
636E4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C7A20 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 #5C7A20 looks like.

```
.text, #text, p{  
    color:#5C7A20  
}
```

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 #5C7A20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C7A20
}
```

Border

The CSS property to change the border of an element to Hex 5C7A20 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
#5C7A20 }
```

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

```
.border{ border-color:#5C7A20 }
```

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

Here you see how a box with a 4 pixel #5C7A20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C7A20; -webkit-box-shadow:4px 4px  
4px 4px #5C7A20; box-shadow:4px 4px 4px  
4px #5C7A20 }
```

Background

The CSS property to change the background color of an element to Hex 5C7A20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C7A20 }
```

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

```
.background{ background-color:#5C7A20 }
```

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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