

# Converting Colors

Hex(6C8F20)

Have a look what the booklet for  
Hex(6C8F20) contains.

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# Color

Hex(6C8F20)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C8F20
RGB	108, 143, 32
RGB Percent	42%, 56%, 13%
CMY	0.5765, 0.4392, 0.8745
CMYK	0.24, 0.00, 0.78, 0.44
HSL	79°, 63%, 34%
HSV	79°, 78%, 56%
XYZ	16.2675, 22.9374, 4.9365
YIQ	119.8810, 14.7710, -41.9410

# Conversions

## Conversions Part 2

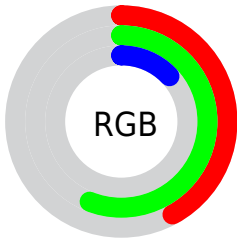
<b>Format</b>	<b>Color</b>
<b>RYB</b>	32, 143, 67
Decimal	7114528
CIELab	55.01, -28.46, 51.11
CIElCh	55, 58.502, 119.110
Yxy	22.9374, 0.3685, 0.5196
Android (android.graphics.Color)	4285304608 (0xFF6C8F20)
YUV	119.8810, -43.3253, -10.4196
Hunter-Lab	47.8930, -23.1826, 27.4139

# Details

The Hex color **6C8F20** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **43208F**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A3C556**, and **375C00** is the 20% darker color. If you saturate the color by 10%, you get **678F12**, and if you desaturate by 10%, it is **718F2E**.

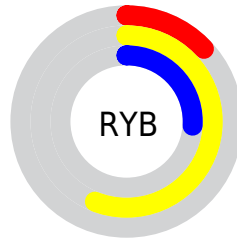
# Distribution



Red (42%)

Green (56%)

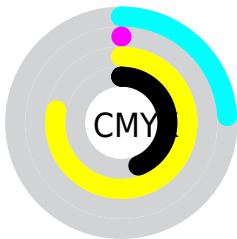
Blue (13%)



Red (13%)

Yellow (56%)

Blue (26%)

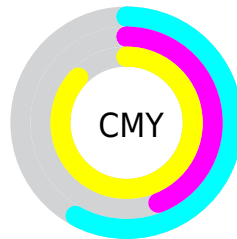


Cyan (24%)

Magenta (0%)

Yellow (78%)

Black (44%)



Cyan (58%)

Magenta (44%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C8F20 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 6C8F20 by changing the saturation by 10% instead.





6C8F20



6C8F20

FFFFFF



527500



A3C556



375C00



BFE170



1D4500



DBFE8B



002E00



F9FFA6



001A00



FFFFC2



000000



FFFFDF



FFFFFC



6C8F20



6C8F20

■ 678F12

■ 718F2E

■ 638F03

■ 758F3D

■ 628F00

■ 7A8F4B

■ 7E8F59

■ 838F68

■ 878F76

■ 8C8F84

■ 908F92

■ 958FA1

# Harmonies

## Analogous

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



9E810A



6C8F20



13974D

# Triad

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



6C8F20



0096DA



DC5287

# Complementary

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



6C8F20



43208F

# 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.



BF60B8



6C8F20



008AE9

# Square

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



6C8F20



009BB4



8077DD



DC5955

# Rectangle

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



6C8F20



009A6F



8077DD



D65598



# Sweetspot

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



6C8F20



ADBA8F



8F4120



565E44



DEDEDE



5E5E5E



# Same Dimension

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



6C8F20



84BA0D



368F20



454740



5D8700



050800



# Inverse Universe

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



43208F



440DBA



79208F



434047



2B0087



020008



# Previews

## White Background



This preview shows how the Hex color 6C8F20 looks on a white background.

## Color Contrast Check

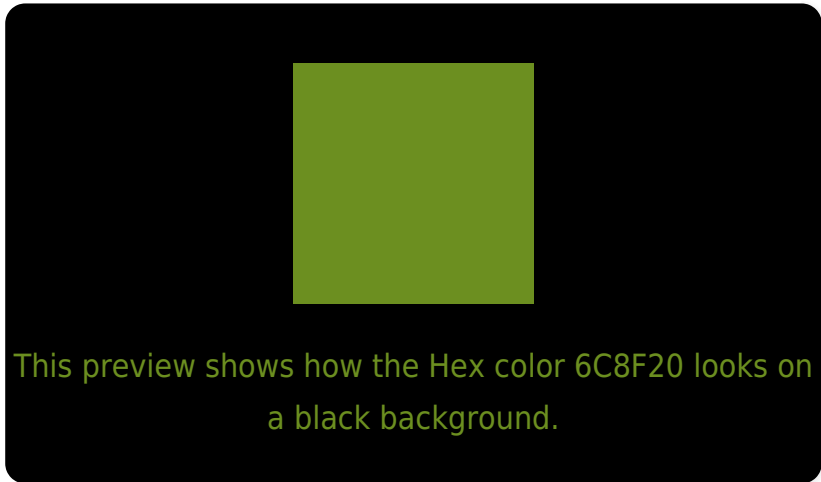
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

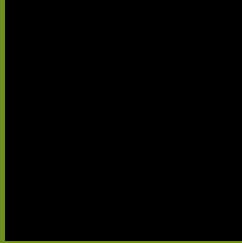
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6C8F20 Background



This preview shows how black text looks on a background with the Hex color 6C8F20.



This preview shows how white text looks on a background with the Hex color 6C8F20.

# 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**  
6C8F20

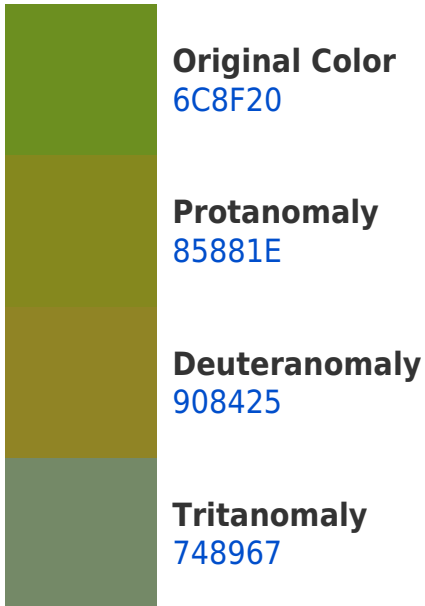
**Protanopia**  
94841D

**Deuteranopia**  
A57D28



**Tritanopia**  
788590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C8F20 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 #6C8F20 looks like.

```
.text, #text, p{  
    color:#6C8F20  
}
```

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 #6C8F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C8F20
}
```

## Border

The CSS property to change the border of an element to Hex 6C8F20 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
#6C8F20 }
```

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

```
.border{ border-color:#6C8F20 }
```

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

Here you see how a box with a 4 pixel #6C8F20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C8F20; -webkit-box-shadow:4px 4px  
4px 4px #6C8F20; box-shadow:4px 4px 4px  
4px #6C8F20 }
```

# Background

The CSS property to change the background color of an element to Hex 6C8F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C8F20 }
```

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

```
.background{ background-color:#6C8F20 }
```

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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