

# Converting Colors

Hex(636C14)

Have a look what the booklet for  
Hex(636C14) contains.

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**Color**

**Hex(636C14)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	636C14
RGB	99, 108, 20
RGB Percent	39%, 42%, 8%
CMY	0.6118, 0.5765, 0.9216
CMYK	0.08, 0.00, 0.81, 0.58
HSL	66°, 69%, 25%
HSV	66°, 81%, 42%
XYZ	10.6344, 13.4283, 2.6932
YIQ	95.2770, 22.8840, -29.2760

# Conversions

## Conversions Part 2

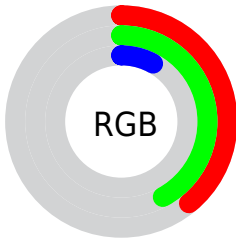
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 108, 29
Decimal	6515732
CIE <sub>Lab</sub>	43.40, -15.11, 44.14
CIE <sub>LCh</sub>	43, 46.657, 108.895
Yxy	13.4283, 0.3975, 0.5019
Android (android.graphics.Color)	4284705812 (0xFF636C14)
YUV	95.2770, -37.1116, 3.2651
Hunter-Lab	36.6446, -12.3266, 21.2936

# Details

The Hex color **636C14** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1D146C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **989F48**, and **313D00** is the 20% darker color. If you saturate the color by 10%, you get **626C09**, and if you desaturate by 10%, it is **646C1F**.

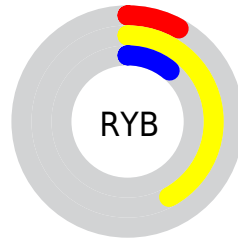
# Distribution



Red (39%)

Green (42%)

Blue (8%)



Red (8%)

Yellow (42%)

Blue (11%)

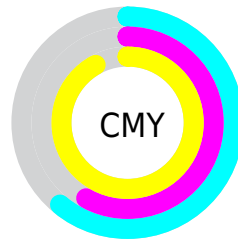


Cyan (8%)

Magenta (0%)

Yellow (81%)

Black (58%)



Cyan (61%)

Magenta (58%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 636C14 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 636C14 by changing the saturation by 10% instead.





636C14



636C14

FFFFFF



495400



989F48



313D00



B4BA61



182700



D0D67B



001400



EDF296



000000



FFFFB1



FFFPCD



FFFFE9



636C14



636C14

■ 626C09

■ 646C1F

■ 616C00

■ 656C2A

■ 666C34

■ 676C3F

■ 696C4A

■ 6A6C55

■ 6B6C60

■ 6C6C6A

■ 6D6C75

# Harmonies

## Analogous

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



866013



636C14



347431

# Triad

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



636C14



0076A0



A54477

# Complementary

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



636C14



1D146C

# 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.



87519A



636C14



006FB2

# Square

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



636C14



00797E



4B62B0



AC4350

# Rectangle

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



636C14



007749



4B62B0



9E4783



# Sweetspot

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



636C14



898C6B



6C1D14



454733



C7C7C7



474747



# Same Dimension

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



636C14



7E8C03



376C14



353630



697500



DCF500



# Inverse Universe

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



1D146C



11038C



49146C



313036



0C0075



1900F5



# Previews

## White Background



This preview shows how the Hex color 636C14 looks on a white background.

## Color Contrast Check

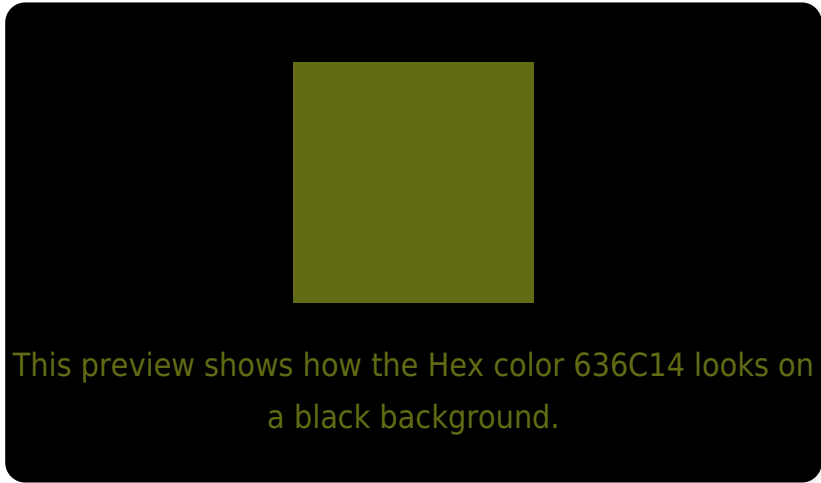
Large Text (above 18pt) WCAG AA ✓ Pass

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

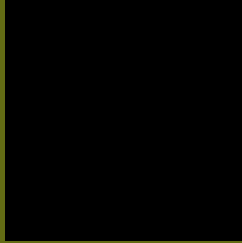
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 636C14 Background



This preview shows how black text looks on a background with the Hex color 636C14.



This preview shows how white text looks on a background with the Hex color 636C14.

# 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**  
636C14

**Protanopia**  
736713

**Deuteranopia**  
81611A



**Tritanopia**  
6B656C

# Trichromacy



**Original Color**  
636C14

**Protanomaly**  
6D6913

**Deuteranomaly**  
766518

**Tritanomaly**  
68684C

# Monochromacy



**Original Color**  
636C14

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
606444

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 636C14 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 #636C14 looks like.

```
.text, #text, p{  
    color:#636C14  
}
```

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 #636C14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636C14
}
```

## Border

The CSS property to change the border of an element to Hex 636C14 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
#636C14 }
```

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

```
.border{ border-color:#636C14 }
```

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

Here you see how a box with a 4 pixel #636C14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636C14; -webkit-box-shadow:4px 4px  
4px 4px #636C14; box-shadow:4px 4px 4px  
4px #636C14 }
```

# Background

The CSS property to change the background color of an element to Hex 636C14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636C14 }
```

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

```
.background{ background-color:#636C14 }
```

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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