

# Converting Colors

Hex(19620C)

Have a look what the booklet for  
Hex(19620C) contains.

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**Color**

**Hex(19620C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	19620C
RGB	25, 98, 12
RGB Percent	10%, 38%, 5%
CMY	0.9020, 0.6157, 0.9529
CMYK	0.74, 0.00, 0.88, 0.62
HSL	111°, 78%, 22%
HSV	111°, 88%, 38%
XYZ	4.8349, 8.9686, 1.8241
YIQ	66.3690, -15.9020, -42.2220

# Conversions

## Conversions Part 2

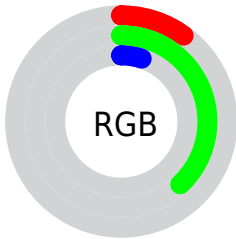
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 98, 85
Decimal	1663500
CIELab	35.92, -38.55, 38.35
CIELCh	36, 54.373, 135.148
Yxy	8.9686, 0.3094, 0.5739
Android (android.graphics.Color)	4279853580 (0xFF19620C)
YUV	66.3690, -26.8039, -36.2806
Hunter-Lab	29.9476, -23.5900, 17.3520

# Details

The Hex color **19620C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **550C62**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **52963F**, and **003200** is the 20% darker color. If you saturate the color by 10%, you get **116202**, and if you desaturate by 10%, it is **216216**.

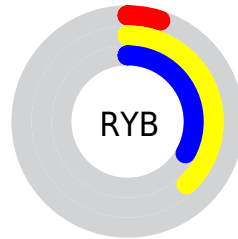
# Distribution



Red (10%)

Green (38%)

Blue (5%)



Red (5%)

Yellow (38%)

Blue (33%)

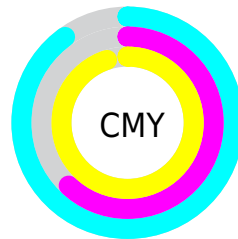


Cyan (74%)

Magenta (0%)

Yellow (88%)

Black (62%)



Cyan (90%)

Magenta (62%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19620C 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 19620C by changing the saturation by 10% instead.



 19620C

 19620C

FFFFFFC

 004A00

 52963F

 003200

 6DB158

 001D00

 88CC72

 000000

 A3E98C

 BFFFA7

 DCFFC2

 F9FFDF

 19620C

 19620C

■ 116202

■ 216216

■ 0F6200

■ 2A6220

■ 326229

■ 3A6233

■ 43623D

■ 4B6247

■ 536251

■ 5C625A

■ 646264

# Harmonies

## Analogous

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



535900



19620C



00663D

# Triad

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



19620C



0060A9



A02141

# Complementary

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



19620C



550C62

# 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.



96266C



19620C



0052AA

# Square

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



19620C



006692



713D93



943617

# Rectangle

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



19620C



00675B



713D93



A01F4F



# Sweetspot

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



19620C



63805E



62540C



2F402C



BFBFBF



404040



# Same Dimension

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



19620C



138000



0C6229



2C302C



117000



24F000



# Inverse Universe

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



550C62



6C0080



620C45



302C30



5F0070

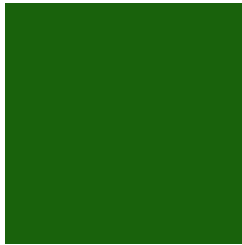


CB00F0



# Previews

## White Background



This preview shows how the Hex color 19620C looks on a white background.

## Color Contrast Check

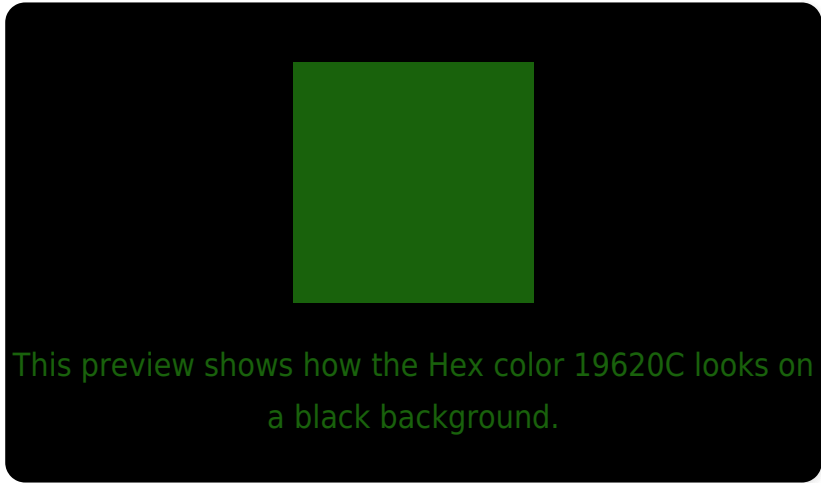
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

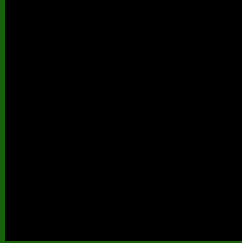
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 19620C Background



This preview shows how black text looks on a background with the Hex color 19620C.



This preview shows how white text looks on a background with the Hex color 19620C.

# 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**  
19620C

**Protanopia**  
5F5507

**Deuteranopia**  
6A5018



**Tritanopia**  
2F5B63

# Trichromacy



**Original Color**  
19620C

**Protanomaly**  
465A09

**Deuteranomaly**  
4D5714

**Tritanomaly**  
275E43

# Monochromacy



**Original Color**  
19620C

**Achromatopsia**  
424242

**Achromatomaly**  
334E2E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19620C 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 #19620C looks like.

```
.text, #text, p{  
    color:#19620C  
}
```

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 #19620C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19620C
}
```

## Border

The CSS property to change the border of an element to Hex 19620C 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".

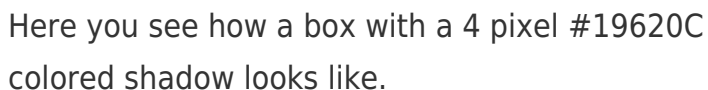
```
.border, #border, table{ border:4px solid
#19620C }
```

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

```
.border{ border-color:#19620C }
```

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

Here you see how a box with a 4 pixel #19620C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19620C; -webkit-box-shadow:4px 4px  
4px 4px #19620C; box-shadow:4px 4px 4px  
4px #19620C }
```

# Background

The CSS property to change the background color of an element to Hex 19620C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19620C }
```

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

```
.background{ background-color:#19620C }
```

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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