

Converting Colors

Hex(1C4620)

Have a look what the booklet for
Hex(1C4620) contains.

Hex(1C4620)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1C4620)

Conversions

Conversions Part 1

Format	Color
Hex	1C4620
RGB	28, 70, 32
RGB Percent	11%, 27%, 13%
CMY	0.8902, 0.7255, 0.8745
CMYK	0.60, 0.00, 0.54, 0.73
HSL	126°, 43%, 19%
HSV	126°, 60%, 27%
XYZ	2.9298, 4.7315, 2.1254
YIQ	53.1100, -12.8340, -20.7220

Conversions

Conversions Part 2

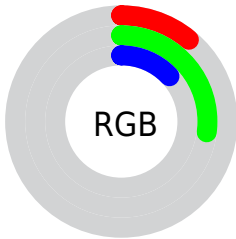
Format	Color
RYB	28, 66, 70
Decimal	1852960
CIELab	25.96, -24.07, 18.49
CIELCh	26, 30.351, 142.475
Yxy	4.7315, 0.2994, 0.4835
Android (android.graphics.Color)	4280043040 (0xFF1C4620)
YUV	53.1100, -10.4072, -22.0215
Hunter-Lab	21.7520, -14.0239, 9.4332




Details

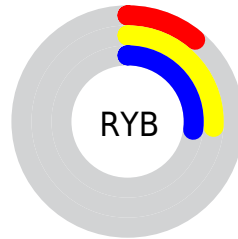
The Hex color **1C4620** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **461C42**, and the grayscale version is **353535**.




A 20% lighter version of the original color is **4C774D**, and **001D00** is the 20% darker color. If you saturate the color by 10%, you get **15461A**, and if you desaturate by 10%, it is **234626**.

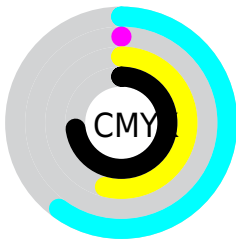
Distribution







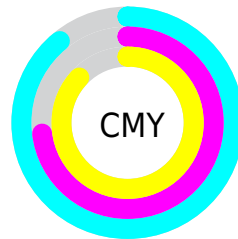
-  Red (11%)
-  Green (27%)
-  Blue (13%)






-  Red (11%)
-  Yellow (26%)
-  Blue (27%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (54%)
-  Black (73%)



-  Cyan (89%)
-  Magenta (73%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C4620 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 1C4620 by changing the saturation by 10% instead.

 1C4620

 1C4620

FFFFFF

 032F0A

 4C774D

 001D00

 659165

 000000

 7FAB7E

 99C798

 B4E3B3

 D0FFCF

 EDFFE8

 1C4620

 1C4620

■ 15461A

■ 234626

■ 0E4613

■ 2A462D

■ 07460D

■ 314633

■ 004607

■ 384639

■ 3F4640

■ 464646

■ 4D464C

■ 544653

■ 5B4659

Harmonies

Analogous

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



39410F



1C4620



004837

Triad

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



1C4620



00426B



672A2D

Complementary

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



1C4620



461C42

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.



642944



1C4620



343A68

Square

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



1C4620



004762



54305A



5F3119

Rectangle

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



1C4620



004947



54305A



682835

Sweetspot

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



1C4620



4B5C4D



43461C



242E25



ADADAD



2E2E2E

Same Dimension

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



1C4620



1A5C20



1C4635



202420



006309



00E316

Inverse Universe

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



461C42



5C1A56



461C2D



242023



63005A



E300CD

Previews

White Background



This preview shows how the Hex color 1C4620 looks on a white background.

Color Contrast Check

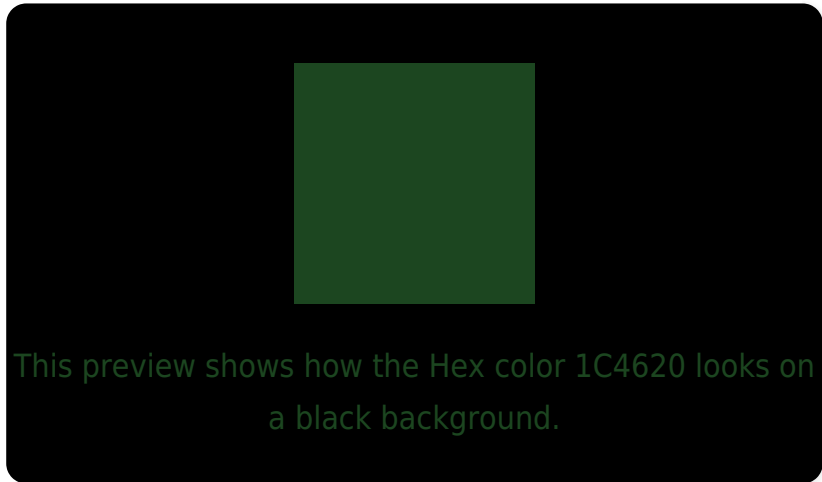
Large Text (above 18pt) WCAG AA ✓ Pass

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

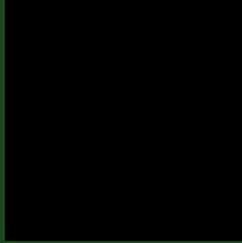
Any Text WCAG AA × Fail

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 1C4620 Background



This preview shows how black text looks on a background with the Hex color 1C4620.



This preview shows how white text looks on a background with the Hex color 1C4620.

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
1C4620

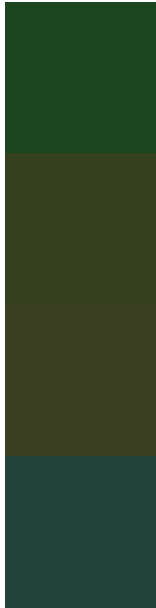
Protanopia
443D1D

Deuteranopia
4B3B23



Tritanopia
264247

Trichromacy



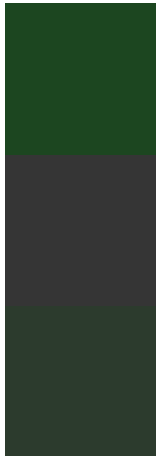
Original Color
1C4620

Protanomaly
35401E

Deuteranomaly
3A3F22

Tritanomaly
224339

Monochromacy



Original Color
1C4620

Achromatopsia
353535

Achromatomaly
2C3B2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C4620 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 #1C4620 looks like.

```
.text, #text, p{  
    color:#1C4620  
}
```

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 #1C4620 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C4620
}
```

Border

The CSS property to change the border of an element to Hex 1C4620 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
#1C4620 }
```

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

```
.border{ border-color:#1C4620 }
```

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

Here you see how a box with a 4 pixel #1C4620 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C4620; -webkit-box-shadow:4px 4px  
4px 4px #1C4620; box-shadow:4px 4px 4px  
4px #1C4620 }
```

Background

The CSS property to change the background color of an element to Hex 1C4620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C4620 }
```

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

```
.background{ background-color:#1C4620 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor