

Converting Colors

Hex(1D4320)

Have a look what the booklet for
Hex(1D4320) contains.

Hex(1D4320)	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(1D4320)

Conversions

Conversions Part 1

Format	Color
Hex	1D4320
RGB	29, 67, 32
RGB Percent	11%, 26%, 13%
CMY	0.8863, 0.7373, 0.8745
CMYK	0.57, 0.00, 0.52, 0.74
HSL	125°, 40%, 19%
HSV	125°, 57%, 26%
XYZ	2.7746, 4.3798, 2.0657
YIQ	51.6480, -11.4130, -18.9410

Conversions

Conversions Part 2

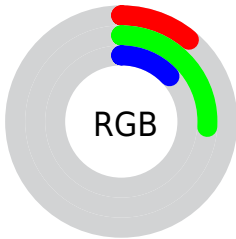
Format	Color
R_{YB}	29, 64, 67
Decimal	1917728
CIE _{Lab}	24.89, -22.29, 17.16
CIE _{LCh}	25, 28.132, 142.418
Yxy	4.3798, 0.3009, 0.4750
Android (android.graphics.Color)	4280107808 (0xFF1D4320)
YUV	51.6480, -9.6865, -19.8623
Hunter-Lab	20.9280, -12.9590, 8.7975




Details

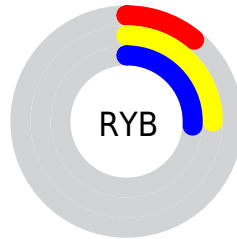
The Hex color **1D4320** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **431D40**, and the grayscale version is **343434**.




A 20% lighter version of the original color is **4C744D**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **16431A**, and if you desaturate by 10%, it is **244326**.

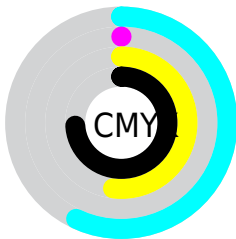
Distribution







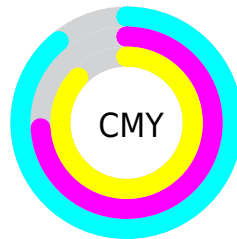
-  Red (11%)
-  Green (26%)
-  Blue (13%)






-  Red (11%)
-  Yellow (25%)
-  Blue (26%)



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (52%)
-  Black (74%)



-  Cyan (89%)
-  Magenta (74%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D4320 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 1D4320 by changing the saturation by 10% instead.

 1D4320

 1D4320

FFFFFF

 052C0A

 4C744D

 001A00

 658D65

 000000

 7FA87E

 99C398

 B4DFB3

 D0FCCE

 EDFFEB

 1D4320

 1D4320

■ 16431A

■ 244326

■ 104314

■ 2A432C

■ 09430D

■ 314333

■ 024307

■ 384339

■ 004305

■ 3F433F

■ 454345

■ 4C434B

■ 534351

■ 594358

Harmonies

Analogous

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



373F11



1D4320



004535

Triad

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



1D4320



003F65



62292C

Complementary

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



1D4320



431D40

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.



5F2941



1D4320



333862

Square

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



1D4320



00445C



502F55



5A301A

Rectangle

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



1D4320



004644



502F55



622833

Sweetspot

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



1D4320



485749



40431D



232B23



ABABAB



2B2B2B

Same Dimension

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



1D4320



1C5720



1D4333



1E211E



006108



00E012

Inverse Universe

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



431D40



571C52



431D2D



211E21



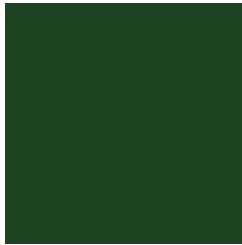
610059



E000CF

Previews

White Background



This preview shows how the Hex color 1D4320 looks on a white background.

Color Contrast Check

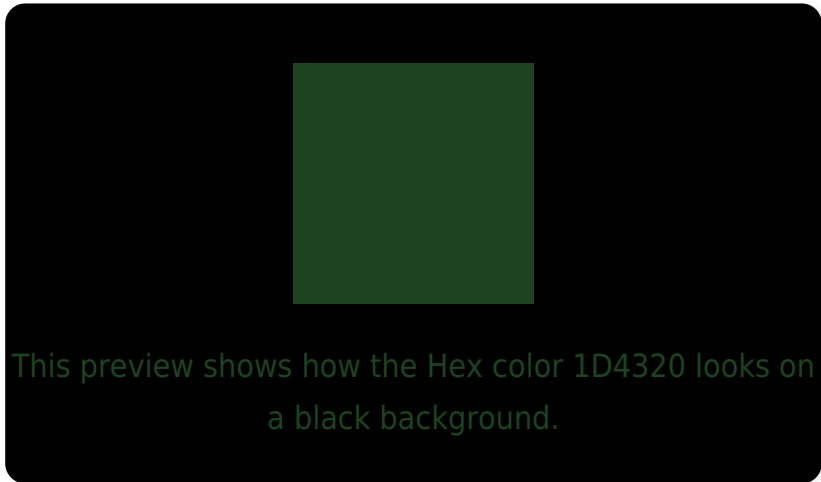
Large Text (above 18pt) WCAG AA ✓ Pass

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

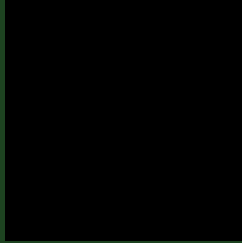
Any Text WCAG AA × Fail

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 1D4320 Background



This preview shows how black text looks on a background with the Hex color 1D4320.

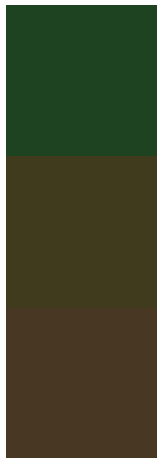


This preview shows how white text looks on a background with the Hex color 1D4320.

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](#).

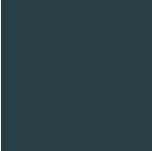
Dichromacy



Original Color
1D4320

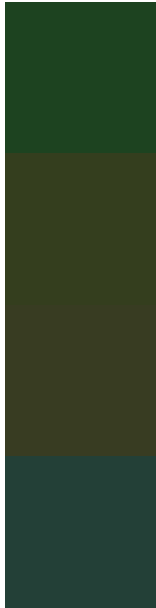
Protanopia
413B1D

Deuteranopia
483823



Tritanopia
263F44

Trichromacy



Original Color
1D4320

Protanomaly
343E1E

Deuteranomaly
383C22

Tritanomaly
234037

Monochromacy



Original Color
1D4320

Achromatopsia
343434

Achromatomaly
2C392D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D4320 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 #1D4320 looks like.

```
.text, #text, p{  
    color:#1D4320  
}
```

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 #1D4320 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D4320  
}
```

Border

The CSS property to change the border of an element to Hex 1D4320 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  
#1D4320 }
```

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

```
.border{ border-color:#1D4320 }
```

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

Here you see how a box with a 4 pixel #1D4320 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D4320; -webkit-box-shadow:4px 4px  
4px 4px #1D4320; box-shadow:4px 4px 4px  
4px #1D4320 }
```

Background

The CSS property to change the background color of an element to Hex 1D4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D4320 }
```

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

```
.background{ background-color:#1D4320 }
```

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