

Converting Colors

Hex(1D7034)

Have a look what the booklet for
Hex(1D7034) contains.

Hex(1D7034)	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(1D7034)

Conversions

Conversions Part 1

Format	Color
Hex	1D7034
RGB	29, 112, 52
RGB Percent	11%, 44%, 20%
CMY	0.8863, 0.5608, 0.7961
CMYK	0.74, 0.00, 0.54, 0.56
HSL	137°, 59%, 28%
HSV	137°, 74%, 44%
XYZ	6.9207, 12.0975, 5.2191
YIQ	80.3430, -30.2080, -36.2560

Conversions

Conversions Part 2

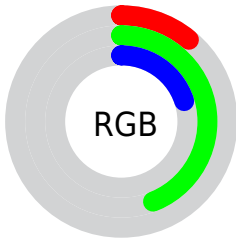
Format	Color
R_{YB}	29, 94, 112
Decimal	1929268
CIE _{Lab}	41.37, -38.50, 26.26
CIE _{LCh}	41, 46.604, 145.698
Yxy	12.0975, 0.2855, 0.4991
Android (android.graphics.Color)	4280119348 (0xFF1D7034)
YUV	80.3430, -13.9731, -45.0278
Hunter-Lab	34.7814, -25.3502, 15.4503

Details

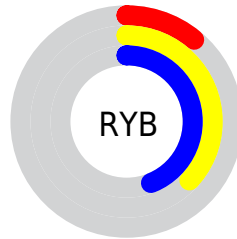
The Hex color **1D7034** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **701D59**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **56A564**, and **003F06** is the 20% darker color. If you saturate the color by 10%, you get **12702C**, and if you desaturate by 10%, it is **28703C**.

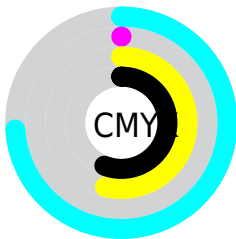
Distribution



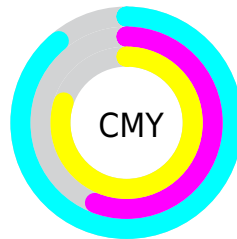
- Red (11%)
- Green (44%)
- Blue (20%)



- Red (11%)
- Yellow (37%)
- Blue (44%)



- Cyan (74%)
- Magenta (0%)
- Yellow (54%)
- Black (56%)



- Cyan (89%)
- Magenta (56%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D7034 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 1D7034 by changing the saturation by 10% instead.



1D7034



1D7034

FFFFFF



00571D



56A564



003F06



71C07D



002900



8CDC97



000900



A8F9B2



000000



C4FFCE



E1FFEA



FEFFFF



1D7034



1D7034

■ 12702C

■ 28703C

■ 077024

■ 337044

■ 00701F

■ 3F704C

■ 4A7054

■ 55705C

■ 607065

■ 6B706D

■ 777075

■ 82707D

Harmonies

Analogous

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



556914



1D7034



00735B

Triad

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



1D7034



0068AE



A54043

Complementary

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



1D7034



701D59

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.



A33D69



1D7034



575AA7

Square

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



1D7034



0070A0



8A498D



964F22

Rectangle

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



1D7034



007475



8A498D



A73D4F

Sweetspot

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



1D7034



71917A



5A701D



374A3C



C9C9C9



4A4A4A

Same Dimension

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



1D7034



109134



1D705D



323834



007821



00F745

Inverse Universe

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



701D59



91106E



701D30



383237



780057



F700B3

Previews

White Background



This preview shows how the Hex color 1D7034 looks on a white background.

Color Contrast Check

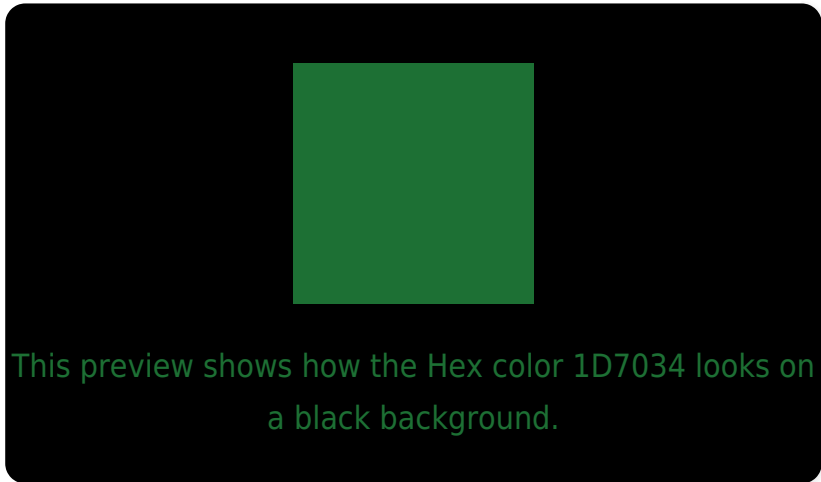
Large Text (above 18pt) WCAG AA ✓ Pass

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

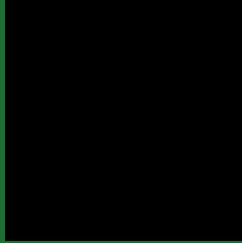
Any Text WCAG AA × Fail

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 1D7034 Background



This preview shows how black text looks on a background with the Hex color 1D7034.



This preview shows how white text looks on a background with the Hex color 1D7034.

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
1D7034

Protanopia
6B612F

Deuteranopia
765D39



Tritanopia
336972

Trichromacy



Original Color
1D7034



Protanomaly
4F6631



Deuteranomaly
566437



Tritanomaly
2B6C5B

Monochromacy



Original Color
1D7034



Achromatopsia
505050



Achromatomaly
3D5C46

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D7034 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 #1D7034 looks like.

```
.text, #text, p{  
    color:#1D7034  
}
```

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 #1D7034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D7034
}
```

Border

The CSS property to change the border of an element to Hex 1D7034 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
#1D7034 }
```

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

```
.border{ border-color:#1D7034 }
```

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

Here you see how a box with a 4 pixel #1D7034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D7034; -webkit-box-shadow:4px 4px  
4px 4px #1D7034; box-shadow:4px 4px 4px  
4px #1D7034 }
```

Background

The CSS property to change the background color of an element to Hex 1D7034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D7034 }
```

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

```
.background{ background-color:#1D7034 }
```

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