

Converting Colors

Hex(1D6116)

Have a look what the booklet for
Hex(1D6116) contains.

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Color

Hex(1D6116)

Conversions

Conversions Part 1

Format	Color
Hex	1D6116
RGB	29, 97, 22
RGB Percent	11%, 38%, 9%
CMY	0.8863, 0.6196, 0.9137
CMYK	0.70, 0.00, 0.77, 0.62
HSL	114°, 63%, 23%
HSV	114°, 77%, 38%
XYZ	4.9262, 8.8685, 2.2112
YIQ	68.1180, -16.4530, -37.7410

Conversions

Conversions Part 2

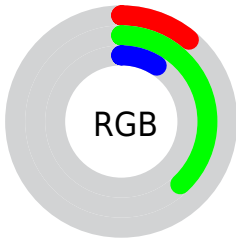
Format	Color
R_{YB}	22, 97, 90
Decimal	1925398
CIE Lab	35.73, -36.55, 34.62
CIE LCh	36, 50.348, 136.552
Yxy	8.8685, 0.3078, 0.5541
Android (android.graphics.Color)	4280115478 (0xFF1D6116)
YUV	68.1180, -22.7362, -34.3065
Hunter-Lab	29.7801, -22.5877, 16.4437

Details

The Hex color **1D6116** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5A1661**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **549446**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **14610C**, and if you desaturate by 10%, it is **266120**.

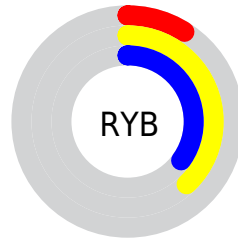
Distribution



Red (11%)

Green (38%)

Blue (9%)



Red (9%)

Yellow (38%)

Blue (35%)

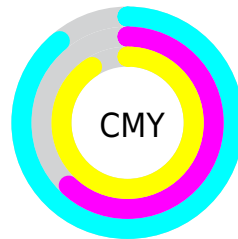


Cyan (70%)

Magenta (0%)

Yellow (77%)

Black (62%)



Cyan (89%)

Magenta (62%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D6116 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 1D6116 by changing the saturation by 10% instead.

 1D6116

 1D6116

FFFFFF

 004900

 549446

 003100

 6EAF5F

 001C00

 89CB79

 000000

 A5E793

 C1FFAE

 DDFPCA

 FAFFE6

 1D6116

 1D6116

■ 14610C

■ 266120

■ 0B6103

■ 2F6129

■ 096100

■ 376133

■ 40613D

■ 496147

■ 526150

■ 5B615A

■ 636164

■ 6C616D

Harmonies

Analogous

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



515900



1D6116



006540

Triad

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



1D6116



005EA3



9B2940

Complementary

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



1D6116



5A1661

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.



922B68



1D6116



2351A2

Square

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



1D6116



00648E



713E8C



8F391A

Rectangle

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



1D6116



00665C



713E8C



9B264D

Sweetspot

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



1D6116



637D60



615A16



30402E



BFBFBF



404040

Same Dimension

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



1D6116



147D09



166134



2C302C



0A7000



16F000

Inverse Universe

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



5A1661



72097D



611643



302C30



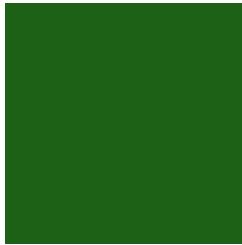
660070



D900F0

Previews

White Background



This preview shows how the Hex color 1D6116 looks on a white background.

Color Contrast Check

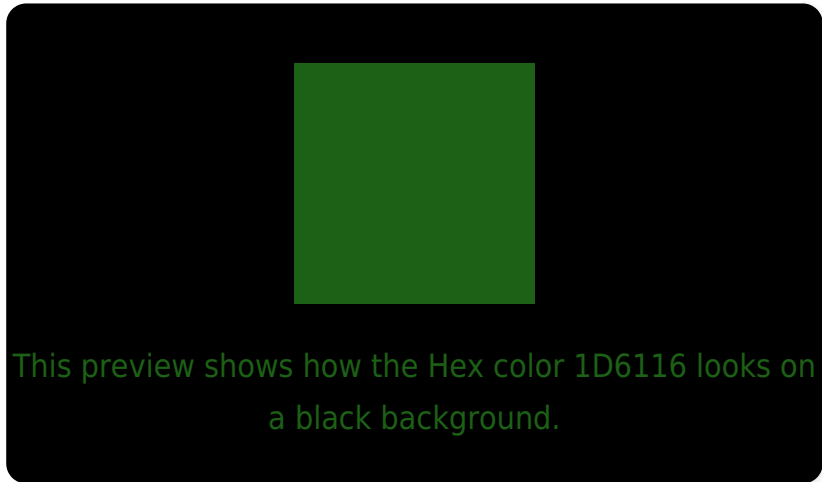
Large Text (above 18pt) WCAG AA ✓ Pass

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

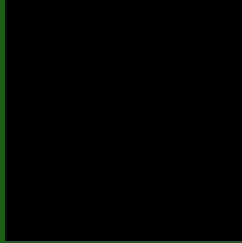
Any Text WCAG AA × Fail

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 1D6116 Background



This preview shows how black text looks on a background with the Hex color 1D6116.



This preview shows how white text looks on a background with the Hex color 1D6116.

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](#).

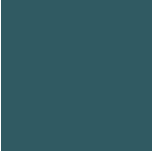
Dichromacy



Original Color
1D6116

Protanopia
5E5413

Deuteranopia
69501E



Tritanopia
305A62

Trichromacy



Original Color
1D6116



Protanomaly
465914



Deuteranomaly
4D561B

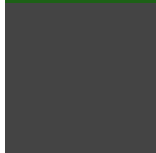


Tritanomaly
295D46

Monochromacy



Original Color
1D6116



Achromatopsia
444444



Achromatomaly
364F33

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D6116 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 #1D6116 looks like.

```
.text, #text, p{  
    color:#1D6116  
}
```

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 #1D6116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D6116
}
```

Border

The CSS property to change the border of an element to Hex 1D6116 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
#1D6116 }
```

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

```
.border{ border-color:#1D6116 }
```

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

Here you see how a box with a 4 pixel #1D6116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D6116; -webkit-box-shadow:4px 4px  
4px 4px #1D6116; box-shadow:4px 4px 4px  
4px #1D6116 }
```

Background

The CSS property to change the background color of an element to Hex 1D6116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D6116 }
```

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

```
.background{ background-color:#1D6116 }
```

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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