

Converting Colors

Hex(1E6600)

Have a look what the booklet for
Hex(1E6600) contains.

Hex(1E6600)	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(1E6600)

Conversions

Conversions Part 1

Format	Color
Hex	1E6600
RGB	30, 102, 0
RGB Percent	12%, 40%, 0%
CMY	0.8824, 0.6000, 1.0000
CMYK	0.71, 0.00, 1.00, 0.60
HSL	102°, 100%, 20%
HSV	102°, 100%, 40%
XYZ	5.2868, 9.7788, 1.6088
YIQ	68.8440, -10.1700, -46.9860

Conversions

Conversions Part 2

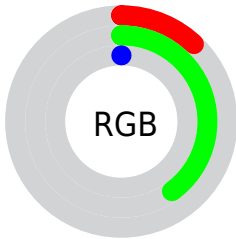
Format	Color
RYB	0, 102, 72
Decimal	1992192
CIELab	37.44, -39.49, 43.06
CIELCh	37, 58.431, 132.522
Yxy	9.7788, 0.3171, 0.5865
Android (android.graphics.Color)	4280182272 (0xFF1E6600)
YUV	68.8440, -33.9401, -34.0662
Hunter-Lab	31.2710, -24.5464, 18.8393

Details

The Hex color **1E6600** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **480066**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **579A39**, and **003600** is the 20% darker color. If you saturate the color by 10%, you get **1E6600**, and if you desaturate by 10%, it is **25660A**.

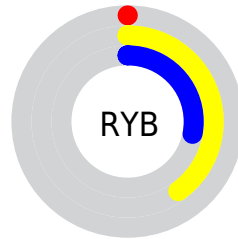
Distribution



Red (12%)

Green (40%)

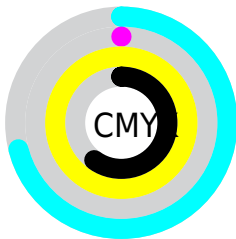
Blue (0%)



Red (0%)

Yellow (40%)

Blue (28%)

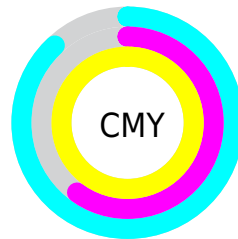


Cyan (71%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (88%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E6600 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 1E6600 by changing the saturation by 10% instead.

 1E6600

 1E6600

 FFFFF6

 004D00

 579A39

 003600

 72B552

 002100

 8DD16C

 000000

 A9ED86

 C5FFA1

 E2FFBD

 FFFFD9

 1E6600

 25660A

 2C6614

 34661F

 3B6629

 426633

 49663D

 506647

 586652

 5F665C

Harmonies

Analogous

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



5A5C00



1E6600



006B3A

Triad

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



1E6600



0065B3



AA1C47

Complementary

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



1E6600



480066

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.



9D2576



1E6600



0057B5

Square

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



1E6600



006B97



71419E



9E3319

Rectangle

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



1E6600



006C5B



71419E



A81A56

Sweetspot

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



1E6600



69855D



664700



31422A



C2C2C2



424242

Same Dimension

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



1E6600



278500



006614



2F332E



227300



47F200

Inverse Universe

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



480066



5E0085



660052



322E33



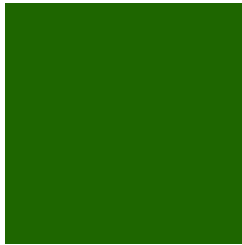
510073



AB00F2

Previews

White Background



This preview shows how the Hex color 1E6600 looks on a white background.

Color Contrast Check

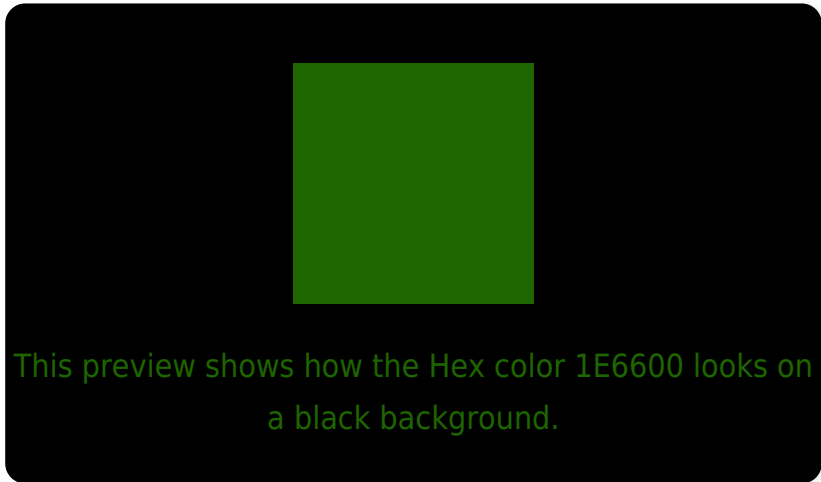
Large Text (above 18pt) WCAG AA ✓ Pass

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

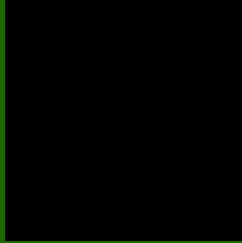
Any Text WCAG AA × Fail

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 1E6600 Background



This preview shows how black text looks on a background with the Hex color 1E6600.



This preview shows how white text looks on a background with the Hex color 1E6600.

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
1E6600

Protanopia
635800

Deuteranopia
6F5316



Tritanopia
335F66

Trichromacy



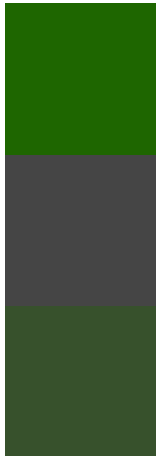
Original Color
1E6600

Protanomaly
4A5D00

Deuteranomaly
525A0E

Tritanomaly
2B6241

Monochromacy



Original Color
1E6600

Achromatopsia
454545

Achromatomaly
37512C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E6600 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 #1E6600 looks like.

```
.text, #text, p{  
    color:#1E6600  
}
```

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 #1E6600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E6600
}
```

Border

The CSS property to change the border of an element to Hex 1E6600 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".

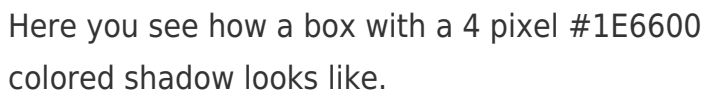
```
.border, #border, table{ border:4px solid
#1E6600 }
```

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

```
.border{ border-color:#1E6600 }
```

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

Here you see how a box with a 4 pixel #1E6600 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E6600; -webkit-box-shadow:4px 4px  
4px 4px #1E6600; box-shadow:4px 4px 4px  
4px #1E6600 }
```

Background

The CSS property to change the background color of an element to Hex 1E6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E6600 }
```

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

```
.background{ background-color:#1E6600 }
```

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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