

Converting Colors

Hex(1E6329)

Have a look what the booklet for
Hex(1E6329) contains.

Hex(1E6329)	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(1E6329)

Conversions

Conversions Part 1

Format	Color
Hex	1E6329
RGB	30, 99, 41
RGB Percent	12%, 39%, 16%
CMY	0.8824, 0.6118, 0.8392
CMYK	0.70, 0.00, 0.59, 0.61
HSL	130°, 53%, 25%
HSV	130°, 70%, 39%
XYZ	5.3975, 9.3598, 3.6200
YIQ	71.7570, -22.5060, -32.6660

Conversions

Conversions Part 2

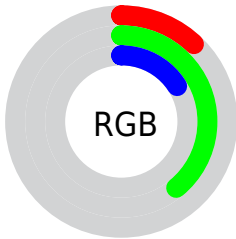
Format	Color
R_{YB}	30, 90, 99
Decimal	1991465
CIE _{Lab}	36.67, -34.83, 26.50
CIE _{LCh}	37, 43.764, 142.739
Yxy	9.3598, 0.2937, 0.5093
Android (android.graphics.Color)	4280181545 (0xFF1E6329)
YUV	71.7570, -15.1632, -36.6209
Hunter-Lab	30.5938, -22.0473, 14.4002




Details

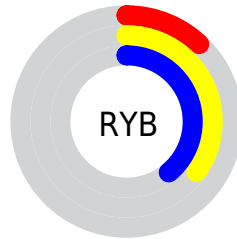
The Hex color **1E6329** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **631E58**, and the grayscale version is **484848**.




A 20% lighter version of the original color is **549758**, and **003300** is the 20% darker color. If you saturate the color by 10%, you get **146321**, and if you desaturate by 10%, it is **286331**.

Distribution







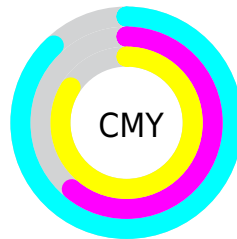
-  Red (12%)
-  Green (39%)
-  Blue (16%)






-  Red (12%)
-  Yellow (35%)
-  Blue (39%)



-  Cyan (70%)
-  Magenta (0%)
-  Yellow (59%)
-  Black (61%)




-  Cyan (88%)
-  Magenta (61%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E6329 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 1E6329 by changing the saturation by 10% instead.

 1E6329

 1E6329

FFFFFF

 004B12

 549758

 003300

 6EB271

 001F00

 89CD8B

 000000

 A4EAA5

 C0FFC1

 DDFD

 FAFFF9

 1E6329

 1E6329

■ 146321

■ 286331

■ 0A6318

■ 32633A

■ 006310

■ 3C6342

■ 46634A

■ 506353

■ 59635B

■ 636363

■ 6D636C

■ 776374

Harmonies

Analogous

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



4E5C0B



1E6329



00664C

Triad

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



1E6329



005D9C



95363D

Complementary

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



1E6329



631E58

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.



913460



1E6329



465198

Square

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



1E6329



00648E



784181



88431E

Rectangle

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



1E6329



006765



784181



963449

Sweetspot

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



1E6329



658069



59631E



304032



BFBFBF



404040

Same Dimension

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



1E6329



148025



1E634B



2C302C



007012



00F026

Inverse Universe

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



631E58



80146E



631E36



302C30



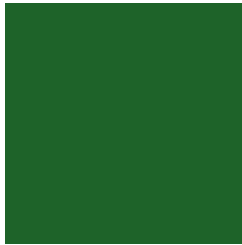
70005E



F000C9

Previews

White Background



This preview shows how the Hex color 1E6329 looks on a white background.

Color Contrast Check

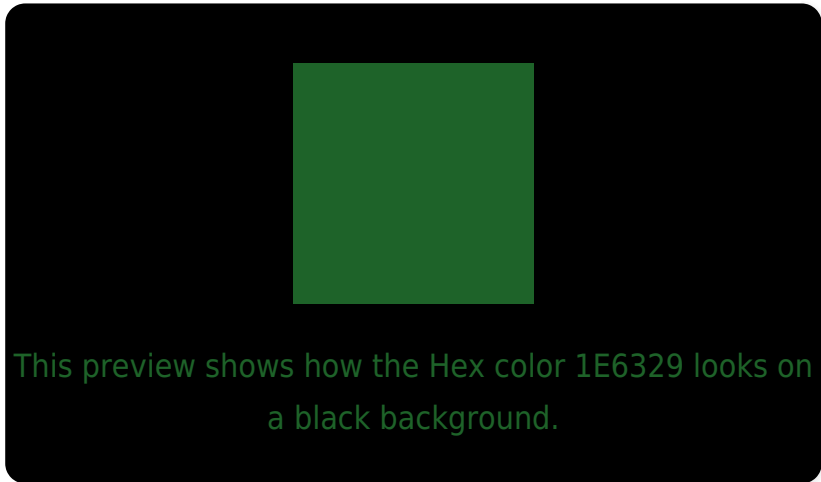
Large Text (above 18pt) WCAG AA ✓ Pass

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

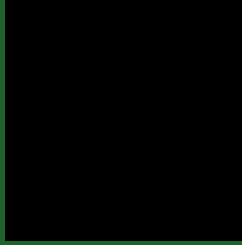
Any Text WCAG AA × Fail

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 1E6329 Background



This preview shows how black text looks on a background with the Hex color 1E6329.



This preview shows how white text looks on a background with the Hex color 1E6329.

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
1E6329

Protanopia
605625

Deuteranopia
69522E



Tritanopia
305D64

Trichromacy



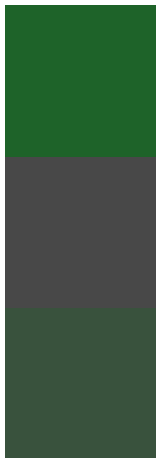
Original Color
1E6329

Protanomaly
485B26

Deuteranomaly
4E582C

Tritanomaly
295F4F

Monochromacy



Original Color
1E6329

Achromatopsia
484848

Achromatomaly
39523D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E6329 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 #1E6329 looks like.

```
.text, #text, p{  
    color:#1E6329  
}
```

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 #1E6329 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E6329
}
```

Border

The CSS property to change the border of an element to Hex 1E6329 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".

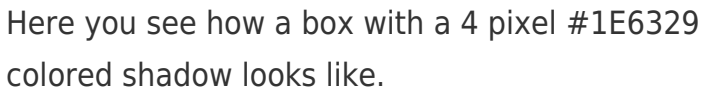
```
.border, #border, table{ border:4px solid
#1E6329 }
```

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

```
.border{ border-color:#1E6329 }
```

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

Here you see how a box with a 4 pixel #1E6329 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E6329; -webkit-box-shadow:4px 4px  
4px 4px #1E6329; box-shadow:4px 4px 4px  
4px #1E6329 }
```

Background

The CSS property to change the background color of an element to Hex 1E6329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E6329 }
```

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

```
.background{ background-color:#1E6329 }
```

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