

# Converting Colors

Hex(1E6021)

Have a look what the booklet for  
Hex(1E6021) contains.

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# Color

**Hex(1E6021)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E6021
RGB	30, 96, 33
RGB Percent	12%, 38%, 13%
CMY	0.8824, 0.6235, 0.8706
CMYK	0.69, 0.00, 0.66, 0.62
HSL	123°, 52%, 25%
HSV	123°, 69%, 38%
XYZ	4.9928, 8.7516, 2.8649
YIQ	69.0840, -19.1130, -33.5850

# Conversions

## Conversions Part 2

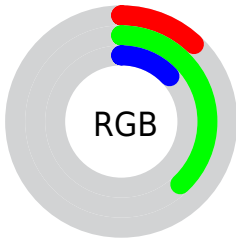
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 93, 96
Decimal	1990689
CIE <sub>Lab</sub>	35.50, -34.73, 29.31
CIE <sub>LCh</sub>	36, 45.446, 139.839
Yxy	8.7516, 0.3006, 0.5269
Android (android.graphics.Color)	4280180769 (0xFF1E6021)
YUV	69.0840, -17.7894, -34.2767
Hunter-Lab	29.5830, -21.6444, 14.9663

# Details

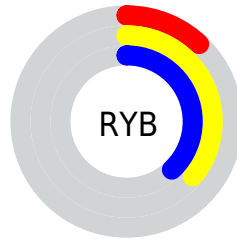
The Hex color **1E6021** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **601E5D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **549350**, and **003000** is the 20% darker color. If you saturate the color by 10%, you get **146018**, and if you desaturate by 10%, it is **28602A**.

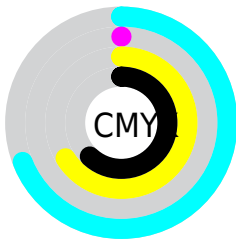
# Distribution



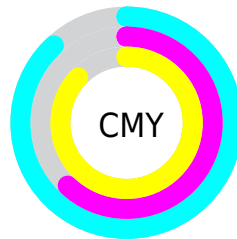
- Red (12%)
- Green (38%)
- Blue (13%)



- Red (12%)
- Yellow (36%)
- Blue (38%)



- Cyan (69%)
- Magenta (0%)
- Yellow (66%)
- Black (62%)



- Cyan (88%)
- Magenta (62%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E6021 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 1E6021 by changing the saturation by 10% instead.



 1E6021

 1E6021

FFFFFF

 004809

 549350

 003000

 6EAE69

 001C00

 89CA82

 000000

 A4E69D

 C0FFB8

 DCFFD4

 F9FFF0

 1E6021

 1E6021

■ 146018

■ 28602A

■ 0B600F

■ 316033

■ 016006

■ 3B603C

■ 006004

■ 446046

■ 4E604F

■ 586058

■ 616061

■ 6B606A

■ 746073

# Harmonies

## Analogous

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



4E5900



1E6021



006445

# Triad

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



1E6021



005B9B



94303D

# Complementary

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



1E6021



601E5D

# 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.



8E3061



1E6021



394F98

# Square

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



1E6021



00628B



733E83



883E1C

# Rectangle

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



1E6021



00645F



733E83



942E49



# Sweetspot

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



1E6021



637D64



5E601E



304031



BFBFBF



404040



# Same Dimension

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



1E6021



157D1A



1E6041



2C302C



007005



00F00B



# Inverse Universe

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



601E5D



7D1578



601E3D



302C30



70006B

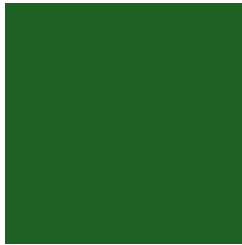


F000E5



# Previews

## White Background



This preview shows how the Hex color 1E6021 looks on a white background.

## Color Contrast Check

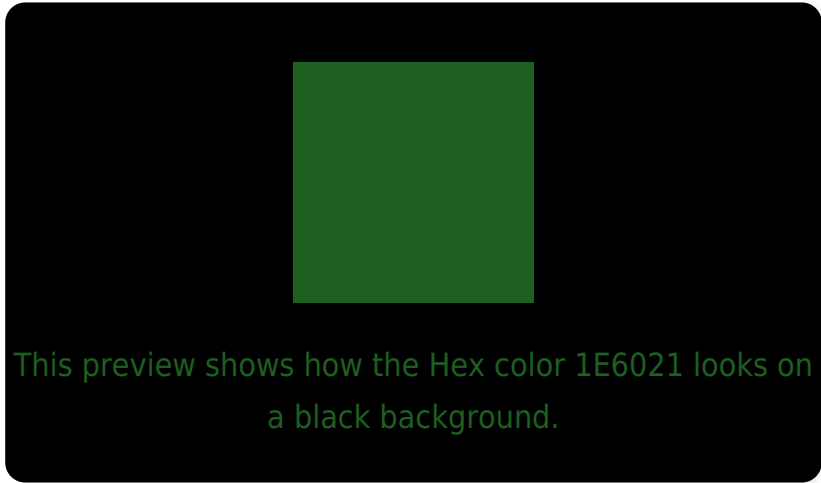
Large Text (above 18pt) WCAG AA ✓ Pass

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

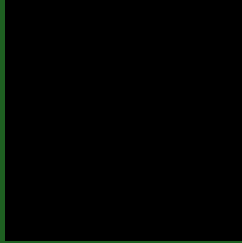
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1E6021 Background



This preview shows how black text looks on a background with the Hex color 1E6021.



This preview shows how white text looks on a background with the Hex color 1E6021.

# 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](#).

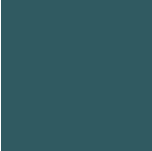
## Dichromacy



**Original Color**  
1E6021

**Protanopia**  
5D531D

**Deuteranopia**  
674F26



**Tritanopia**  
305A61

# Trichromacy



**Original Color**  
1E6021

**Protanomaly**  
46581E

**Deuteranomaly**  
4C5524

**Tritanomaly**  
295C4A

# Monochromacy



**Original Color**  
1E6021

**Achromatopsia**  
454545

**Achromatomaly**  
374F38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E6021 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 #1E6021 looks like.

```
.text, #text, p{  
    color:#1E6021  
}
```

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 #1E6021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E6021
}
```

## Border

The CSS property to change the border of an element to Hex 1E6021 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
#1E6021 }
```

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

```
.border{ border-color:#1E6021 }
```

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

Here you see how a box with a 4 pixel #1E6021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E6021; -webkit-box-shadow:4px 4px  
4px 4px #1E6021; box-shadow:4px 4px 4px  
4px #1E6021 }
```

# Background

The CSS property to change the background color of an element to Hex 1E6021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E6021 }
```

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

```
.background{ background-color:#1E6021 }
```

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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