

Converting Colors

Hex(1E6438)

Have a look what the booklet for
Hex(1E6438) contains.

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Color

Hex(1E6438)

Conversions

Conversions Part 1

Format	Color
Hex	1E6438
RGB	30, 100, 56
RGB Percent	12%, 39%, 22%
CMY	0.8824, 0.6078, 0.7804
CMYK	0.70, 0.00, 0.44, 0.61
HSL	142°, 54%, 25%
HSV	142°, 70%, 39%
XYZ	5.8064, 9.6759, 5.3030
YIQ	74.0540, -27.5960, -28.5240

Conversions

Conversions Part 2

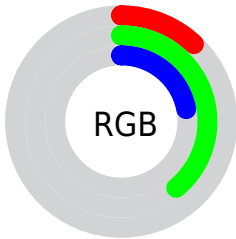
Format	Color
R_{YB}	30, 81, 100
Decimal	1991736
CIE _{Lab}	37.25, -32.62, 18.78
CIE _{LCh}	37, 37.642, 150.073
Yxy	9.6759, 0.2794, 0.4655
Android (android.graphics.Color)	4280181816 (0xFF1E6438)
YUV	74.0540, -8.9006, -38.6354
Hunter-Lab	31.1061, -21.1160, 11.6665

Details

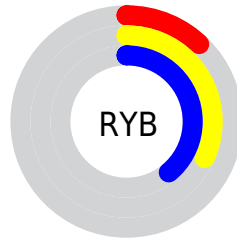
The Hex color **1E6438** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **641E4A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **549868**, and **00340D** is the 20% darker color. If you saturate the color by 10%, you get **146432**, and if you desaturate by 10%, it is **28643E**.

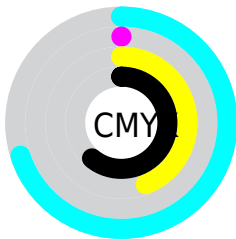
Distribution



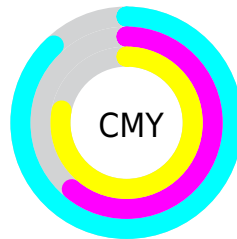
- Red (12%)
- Green (39%)
- Blue (22%)



- Red (12%)
- Yellow (32%)
- Blue (39%)



- Cyan (70%)
- Magenta (0%)
- Yellow (44%)
- Black (61%)



- Cyan (88%)
- Magenta (61%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E6438 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 1E6438 by changing the saturation by 10% instead.

 1E6438

 1E6438

FFFFFF

 004C22

 549868

 00340D

 6EB381

 002100

 89CE9B

 000000

 A4EBB6

 C0FFD1

 DCFEE

 F9FFFF

 1E6438

 1E6438

■ 146432

■ 28643E

■ 0A642B

■ 326445

■ 006425

■ 3C644B

■ 466451

■ 506457

■ 5A645E

■ 646464

■ 6E646A

■ 786471

Harmonies

Analogous

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



4A5F20



1E6438



006657

Triad

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



1E6438



075B94



8E403B

Complementary

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



1E6438



641E4A

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.



8E3C59



1E6438



58508C

Square

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



1E6438



00628C



7D4376



804B23

Rectangle

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



1E6438



00666C



7D4376



8F3D45

Sweetspot

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



1E6438



678271



4A641E



324238



C2C2C2



424242

Same Dimension

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



1E6438



15823D



1E645B



2E3330



00732B



00F25A

Inverse Universe

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



641E4A



821559



641E27



332E31



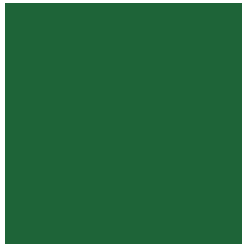
730048



F20098

Previews

White Background



This preview shows how the Hex color 1E6438 looks on a white background.

Color Contrast Check

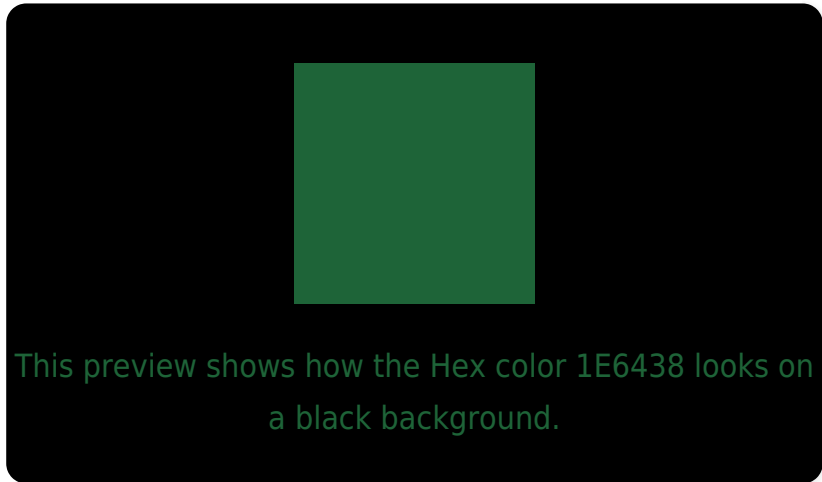
Large Text (above 18pt) WCAG AA ✓ Pass

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

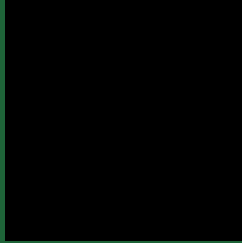
Any Text WCAG AA × Fail

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 1E6438 Background



This preview shows how black text looks on a background with the Hex color 1E6438.



This preview shows how white text looks on a background with the Hex color 1E6438.

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
1E6438

Protanopia
605733

Deuteranopia
68543C



Tritanopia
2E5F66

Trichromacy



Original Color
1E6438

Protanomaly
485C35

Deuteranomaly
4D5A3B

Tritanomaly
286155

Monochromacy



Original Color
1E6438

Achromatopsia
4A4A4A

Achromatomaly
3A5343

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E6438 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 #1E6438 looks like.

```
.text, #text, p{  
    color:#1E6438  
}
```

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 #1E6438 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E6438
}
```

Border

The CSS property to change the border of an element to Hex 1E6438 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
#1E6438 }
```

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

```
.border{ border-color:#1E6438 }
```

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

Here you see how a box with a 4 pixel #1E6438 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E6438; -webkit-box-shadow:4px 4px  
4px 4px #1E6438; box-shadow:4px 4px 4px  
4px #1E6438 }
```

Background

The CSS property to change the background color of an element to Hex 1E6438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E6438 }
```

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

```
.background{ background-color:#1E6438 }
```

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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