

Converting Colors

Hex(1E5F37)

Have a look what the booklet for
Hex(1E5F37) contains.

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Color

Hex(1E5F37)

Conversions

Conversions Part 1

Format	Color
Hex	1E5F37
RGB	30, 95, 55
RGB Percent	12%, 37%, 22%
CMY	0.8824, 0.6275, 0.7843
CMYK	0.68, 0.00, 0.42, 0.63
HSL	143°, 52%, 25%
HSV	143°, 68%, 37%
XYZ	5.3172, 8.7363, 5.0205
YIQ	71.0050, -25.9000, -26.2200

Conversions

Conversions Part 2

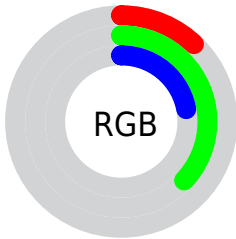
Format	Color
R_{YB}	30, 77, 95
Decimal	1990455
CIE Lab	35.47, -30.63, 17.03
CIE LCh	35, 35.046, 150.933
Yxy	8.7363, 0.2788, 0.4580
Android (android.graphics.Color)	4280180535 (0xFF1E5F37)
YUV	71.0050, -7.8905, -35.9614
Hunter-Lab	29.5572, -19.6136, 10.6193

Details

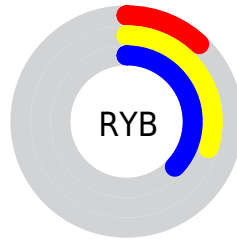
The Hex color **1E5F37** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5F1E46**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **529266**, and **00300C** is the 20% darker color. If you saturate the color by 10%, you get **155F31**, and if you desaturate by 10%, it is **285F3D**.

Distribution



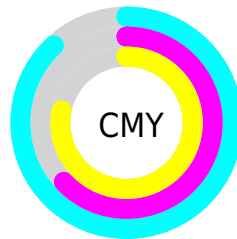
- Red (12%)
- Green (37%)
- Blue (22%)



- Red (12%)
- Yellow (30%)
- Blue (37%)



- Cyan (68%)
- Magenta (0%)
- Yellow (42%)
- Black (63%)



- Cyan (88%)
- Magenta (63%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E5F37 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 1E5F37 by changing the saturation by 10% instead.



1E5F37



1E5F37

FFFFFF



004721



529266



00300C



6CAD7F



001C00



87C99A



000000



A2E5B4



BEFFD0



DAFFEC



F7FFFF



1E5F37



1E5F37

■ 155F31

■ 285F3D

■ 0B5F2B

■ 315F43

■ 025F25

■ 3B5F49

■ 005F25

■ 445F4E

■ 4E5F54

■ 575F5A

■ 615F60

■ 6A5F66

■ 745F6C

Harmonies

Analogous

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



465A21



1E5F37



006153

Triad

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



1E5F37



16568B



853E38

Complementary

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



1E5F37



5F1E46

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.



863A54



1E5F37



564C84

Square

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



1E5F37



005D84



76406F



784822

Rectangle

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



1E5F37



006167



76406F



873C41

Sweetspot

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



1E5F37



617A6B



465F1E



2E3D34



BDBDBD



3D3D3D

Same Dimension

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



1E5F37



167A3D



1E5F57



2C302D



00702B



00F05C

Inverse Universe

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



5F1E46



7A1654



5F1E26



302C2F



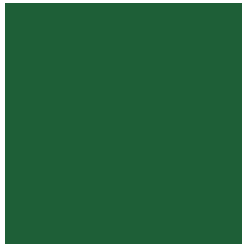
700045



F00094

Previews

White Background



This preview shows how the Hex color 1E5F37 looks on a white background.

Color Contrast Check

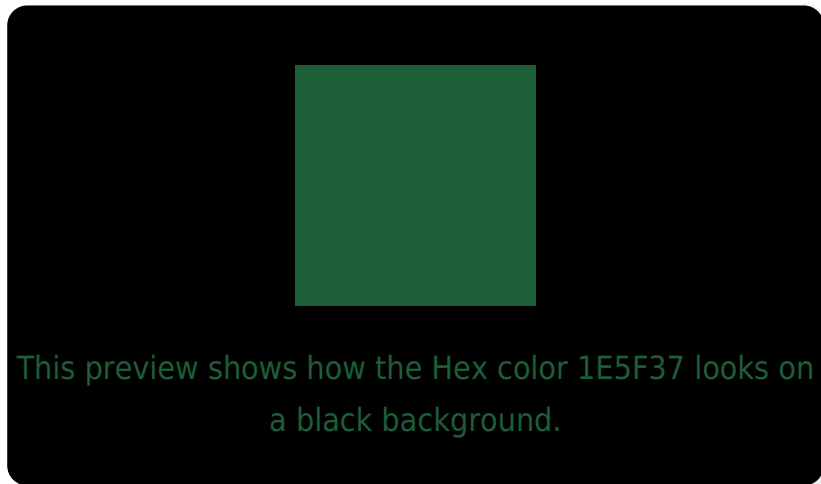
Large Text (above 18pt) WCAG AA ✓ Pass

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

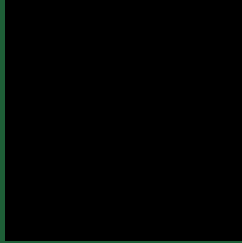
Any Text WCAG AA × Fail

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 1E5F37 Background



This preview shows how black text looks on a background with the Hex color 1E5F37.



This preview shows how white text looks on a background with the Hex color 1E5F37.

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](#).

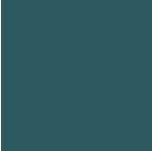
Dichromacy



Original Color
1E5F37

Protanopia
5B5332

Deuteranopia
63503B



Tritanopia
2D5A61

Trichromacy



Original Color
1E5F37

Protanomaly
455734

Deuteranomaly
4A553A

Tritanomaly
285C52

Monochromacy



Original Color
1E5F37

Achromatopsia
474747

Achromatomaly
385041

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E5F37 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 #1E5F37 looks like.

```
.text, #text, p{  
    color:#1E5F37  
}
```

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 #1E5F37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E5F37
}
```

Border

The CSS property to change the border of an element to Hex 1E5F37 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
#1E5F37 }
```

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

```
.border{ border-color:#1E5F37 }
```

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

Here you see how a box with a 4 pixel #1E5F37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E5F37; -webkit-box-shadow:4px 4px  
4px 4px #1E5F37; box-shadow:4px 4px 4px  
4px #1E5F37 }
```

Background

The CSS property to change the background color of an element to Hex 1E5F37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E5F37 }
```

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

```
.background{ background-color:#1E5F37 }
```

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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