

Converting Colors

Hex(1E4F34)

Have a look what the booklet for
Hex(1E4F34) contains.

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Color

Hex(1E4F34)

Conversions

Conversions Part 1

Format	Color
Hex	1E4F34
RGB	30, 79, 52
RGB Percent	12%, 31%, 20%
CMY	0.8824, 0.6902, 0.7961
CMYK	0.62, 0.00, 0.34, 0.69
HSL	147°, 45%, 21%
HSV	147°, 62%, 31%
XYZ	3.9512, 6.1159, 4.2210
YIQ	61.2710, -20.5370, -18.7850

Conversions

Conversions Part 2

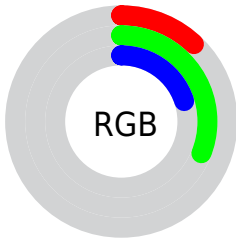
Format	Color
R_{YB}	30, 64, 79
Decimal	1986356
CIE _{Lab}	29.70, -23.79, 11.11
CIE _{LCh}	30, 26.254, 154.966
Yxy	6.1159, 0.2765, 0.4280
Android (android.graphics.Color)	4280176436 (0xFF1E4F34)
YUV	61.2710, -4.5706, -27.4247
Hunter-Lab	24.7304, -14.7588, 7.1915

Details

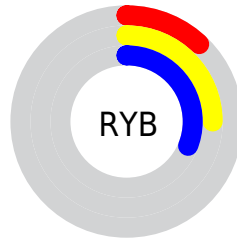
The Hex color **1E4F34** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4F1E39**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **4F8163**, and **002207** is the 20% darker color. If you saturate the color by 10%, you get **164F30**, and if you desaturate by 10%, it is **264F38**.

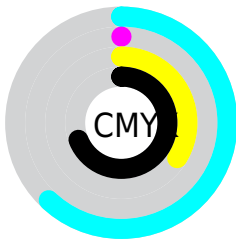
Distribution



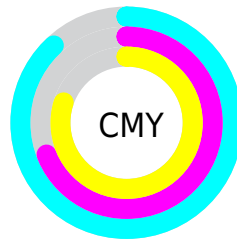
- Red (12%)
- Green (31%)
- Blue (20%)



- Red (12%)
- Yellow (25%)
- Blue (31%)



- Cyan (62%)
- Magenta (0%)
- Yellow (34%)
- Black (69%)



- Cyan (88%)
- Magenta (69%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Hex color 1E4F34 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 1E4F34 by changing the saturation by 10% instead.

 1E4F34

 1E4F34

FFFFFF

 02381F

 4F8163

 002207

 689B7C

 000000


 82B695

 9DD2B0

 B8EECC

 D4FFE8

 F1FFFF

 1E4F34

 1E4F34

■ 164F30

■ 264F38

■ 0E4F2B

■ 2E4F3D

■ 064F27

■ 364F41

■ 004F23

■ 3E4F45

■ 464F4A

■ 4D4F4E

■ 554F52

■ 5D4F57

■ 654F5B

Harmonies

Analogous

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



3A4C23



1E4F34



005049

Triad

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



1E4F34



29476E



6A3830

Complementary

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



1E4F34



4F1E39

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.



6C3543



1E4F34



4C3F67

Square

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



1E4F34



004D6A



623858



603F21

Rectangle

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



1E4F34



005057



623858



6C3636

Sweetspot

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



1E4F34



53665B



3A4F1E



27332D



B3B3B3



333333

Same Dimension

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



1E4F34



1B663C



1E4F4C



222624



00662E



00E667

Inverse Universe

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



4F1E39



661B44



4F1E21



262225



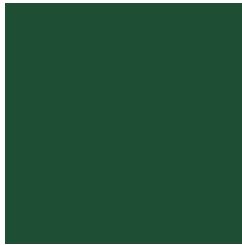
660038



E6007E

Previews

White Background



This preview shows how the Hex color 1E4F34 looks on a white background.

Color Contrast Check

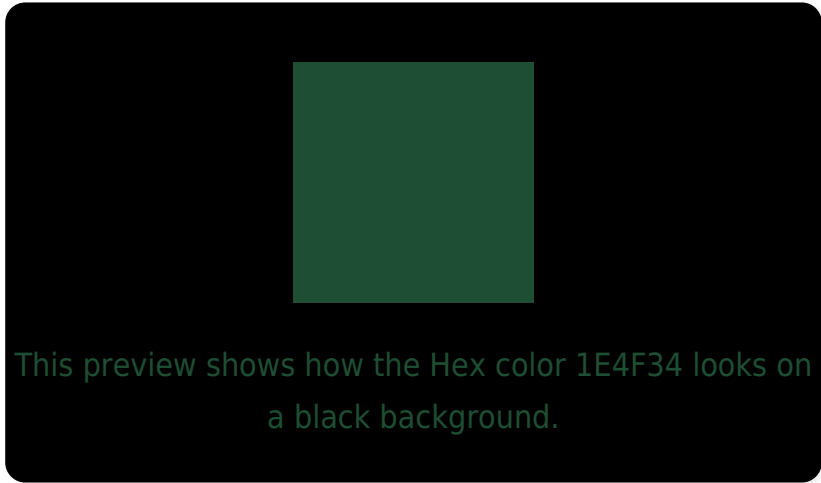
Large Text (above 18pt) WCAG AA ✓ Pass

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

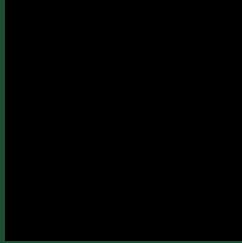
Any Text WCAG AA × Fail

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 1E4F34 Background



This preview shows how black text looks on a background with the Hex color 1E4F34.



This preview shows how white text looks on a background with the Hex color 1E4F34.

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
1E4F34

Protanopia
4B4630

Deuteranopia
524337



Tritanopia
274B51

Trichromacy



Original Color
1E4F34

Protanomaly
3B4931

Deuteranomaly
3F4736

Tritanomaly
244C46

Monochromacy



Original Color
1E4F34

Achromatopsia
3D3D3D

Achromatomaly
32443A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E4F34 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 #1E4F34 looks like.

```
.text, #text, p{  
    color:#1E4F34  
}
```

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 #1E4F34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E4F34
}
```

Border

The CSS property to change the border of an element to Hex 1E4F34 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
#1E4F34 }
```

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

```
.border{ border-color:#1E4F34 }
```

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

Here you see how a box with a 4 pixel #1E4F34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E4F34; -webkit-box-shadow:4px 4px  
4px 4px #1E4F34; box-shadow:4px 4px 4px  
4px #1E4F34 }
```

Background

The CSS property to change the background color of an element to Hex 1E4F34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E4F34 }
```

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

```
.background{ background-color:#1E4F34 }
```

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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