

Converting Colors

Hex(1E3635)

Have a look what the booklet for
Hex(1E3635) contains.

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Color

Hex(1E3635)

Conversions

Conversions Part 1

Format	Color
Hex	1E3635
RGB	30, 54, 53
RGB Percent	12%, 21%, 21%
CMY	0.8824, 0.7882, 0.7922
CMYK	0.44, 0.00, 0.02, 0.79
HSL	178°, 29%, 16%
HSV	178°, 44%, 21%
XYZ	2.4972, 3.1714, 3.8487
YIQ	46.7100, -13.9830, -5.3990

Conversions

Conversions Part 2

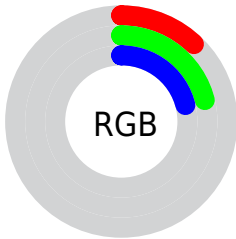
Format	Color
R_{YB}	30, 42, 54
Decimal	1979957
CIE Lab	20.72, -9.62, -2.33
CIE LCh	21, 9.902, 193.613
Yxy	3.1714, 0.2624, 0.3332
Android (android.graphics.Color)	4280170037 (0xFF1E3635)
YUV	46.7100, 3.1010, -14.6547
Hunter-Lab	17.8084, -6.1345, -0.3476

Details

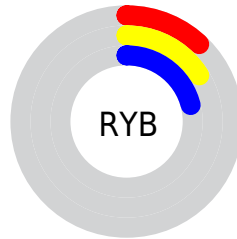
The Hex color **1E3635** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **361E1F**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **4C6563**, and **000508** is the 20% darker color. If you saturate the color by 10%, you get **193635**, and if you desaturate by 10%, it is **233635**.

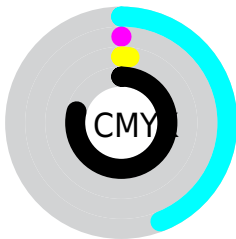
Distribution



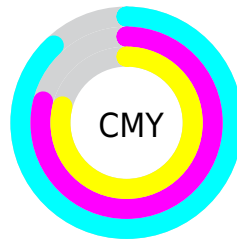
- Red (12%)
- Green (21%)
- Blue (21%)



- Red (12%)
- Yellow (16%)
- Blue (21%)



- Cyan (44%)
- Magenta (0%)
- Yellow (2%)
- Black (79%)



- Cyan (88%)
- Magenta (79%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E3635 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 1E3635 by changing the saturation by 10% instead.

■ 1E3635

■ 1E3635

FFFFFF

■ 082120

■ 4C6563

■ 000508

■ 647E7C

■ 000000

■ 7D9896

■ 97B2B1

■ B2CECC

■ CEEAE8

■ EAEAE8

■ 1E3635

■ 1E3635

■ 193635

■ 233635

■ 133635

■ 293635

■ 0E3634

■ 2E3636

■ 083634

■ 343636

■ 033634

■ 393636

■ 003634

■ 3E3636

■ 443637

■ 493637

■ 4F3637

Harmonies

Analogous

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



24362E



1E3635



1E353C

Triad

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



1E3635



372F3C



3B3024

Complementary

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



1E3635



361E1F

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.



402E28



1E3635



3E2D36

Square

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



1E3635



2E3140



412D2F



343224

Rectangle

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



1E3635



21343F



412D2F



3D2F25

Sweetspot

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



1E3635



3E4747



1F361E



1E2423



A3A3A3



242424

Same Dimension

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



1E3635



224746



1E2B36



191C1C



005C58



00DBD2

Inverse Universe

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



361E1F



472223



36291E



1C1919



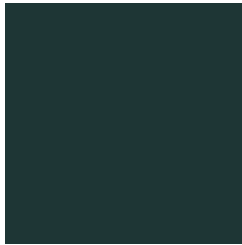
5C0004



DB0009

Previews

White Background



This preview shows how the Hex color 1E3635 looks on a white background.

Color Contrast Check

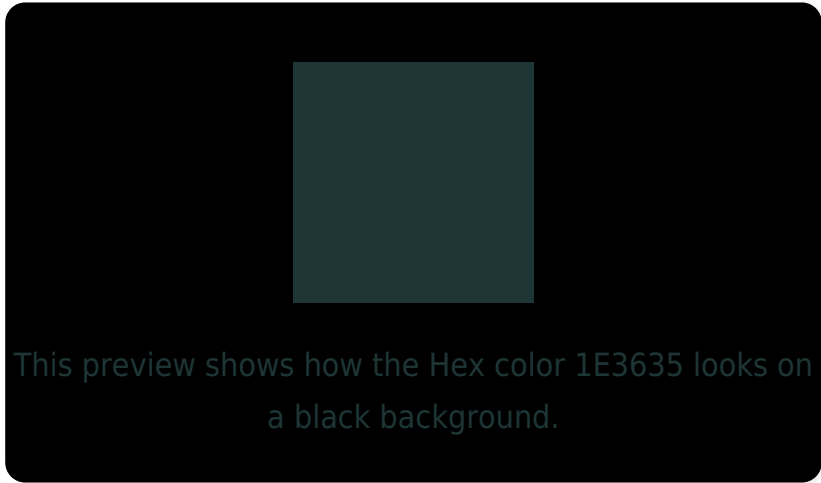
Large Text (above 18pt) WCAG AA ✓ Pass

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

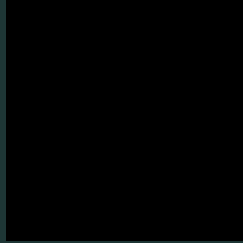
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

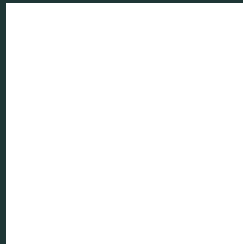
Any Text WCAG AAA × Fail

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

Hex 1E3635 Background



This preview shows how black text looks on a background with the Hex color 1E3635.



This preview shows how white text looks on a background with the Hex color 1E3635.

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](#).

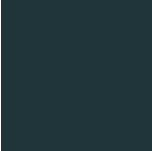
Dichromacy



Original Color
1E3635

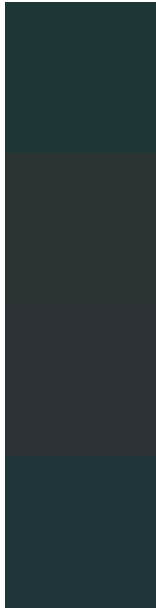
Protanopia
323232

Deuteranopia
353036



Tritanopia
1F353A

Trichromacy



Original Color
1E3635

Protanomaly
2B3333

Deuteranomaly
2D3236

Tritanomaly
1F3538

Monochromacy



Original Color
1E3635

Achromatopsia
2F2F2F

Achromatomaly
293231

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E3635 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 #1E3635 looks like.

```
.text, #text, p{  
    color:#1E3635  
}
```

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 #1E3635 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E3635
}
```

Border

The CSS property to change the border of an element to Hex 1E3635 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
#1E3635 }
```

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

```
.border{ border-color:#1E3635 }
```

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

Here you see how a box with a 4 pixel #1E3635 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E3635; -webkit-box-shadow:4px 4px  
4px 4px #1E3635; box-shadow:4px 4px 4px  
4px #1E3635 }
```

Background

The CSS property to change the background color of an element to Hex 1E3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E3635 }
```

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

```
.background{ background-color:#1E3635 }
```

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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