

# Converting Colors

Hex(1E604D)

Have a look what the booklet for  
Hex(1E604D) contains.

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# Color

**Hex(1E604D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E604D
RGB	30, 96, 77
RGB Percent	12%, 38%, 30%
CMY	0.8824, 0.6235, 0.6980
CMYK	0.69, 0.00, 0.20, 0.62
HSL	163°, 52%, 25%
HSV	163°, 69%, 38%
XYZ	6.0578, 9.1776, 8.4733
YIQ	74.1000, -33.2370, -19.9010

# Conversions

## Conversions Part 2

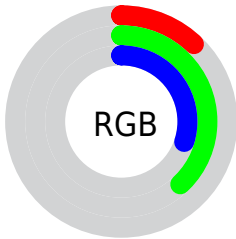
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 69, 96
Decimal	1990733
CIE <sub>Lab</sub>	36.32, -25.81, 4.83
CIE <sub>LCh</sub>	36, 26.258, 169.409
Yxy	9.1776, 0.2555, 0.3871
Android (android.graphics.Color)	4280180813 (0xFF1E604D)
YUV	74.1000, 1.4297, -38.6757
Hunter-Lab	30.2945, -17.3217, 4.6228

# Details

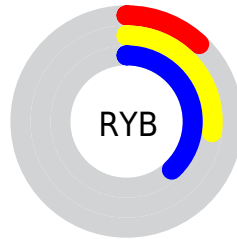
The Hex color **1E604D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **601E31**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **53937E**, and **003121** is the 20% darker color. If you saturate the color by 10%, you get **14604A**, and if you desaturate by 10%, it is **286050**.

# Distribution



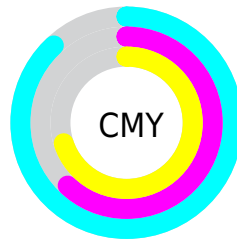
- Red (12%)
- Green (38%)
- Blue (30%)



- Red (12%)
- Yellow (27%)
- Blue (38%)



- Cyan (69%)
- Magenta (0%)
- Yellow (20%)
- Black (62%)



- Cyan (88%)
- Magenta (62%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E604D 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 1E604D by changing the saturation by 10% instead.



 1E604D

 1E604D

FFFFFF

 004836

 53937E

 003121

 6DAE98

 001E0A

 88C9B3

 000000

 A3E6CE

 BFFFEA

 DBFFFF

 F8FFFF

 1E604D

 1E604D

■ 14604A

■ 286050

■ 0B6047

■ 316053

■ 016045

■ 3B6055

■ 006044

■ 446058

■ 4E605B

■ 58605E

■ 616060

■ 6B6063

■ 746066

# Harmonies

## Analogous

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



3D5D39



1E604D



006063

# Triad

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



1E604D



4C537D



784A36

# Complementary

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



1E604D



601E31

# 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.



7E4549



1E604D



684B71

# Square

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



1E604D



245A7F



79455E



69522C

# Rectangle

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



1E604D



005F70



79455E



7B483C



# Sweetspot

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



1E604D



637D75



32601E



30403B



BFBFBF



404040



# Same Dimension

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



1E604D



157D5F



1E5360



2C302F



007050



00F0AB



# Inverse Universe

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



601E31



7D1533



602B1E



302C2D



700020

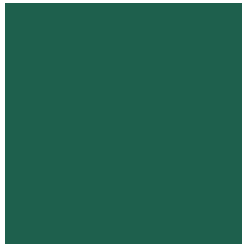


F00045



# Previews

## White Background



This preview shows how the Hex color 1E604D looks on a white background.

## Color Contrast Check

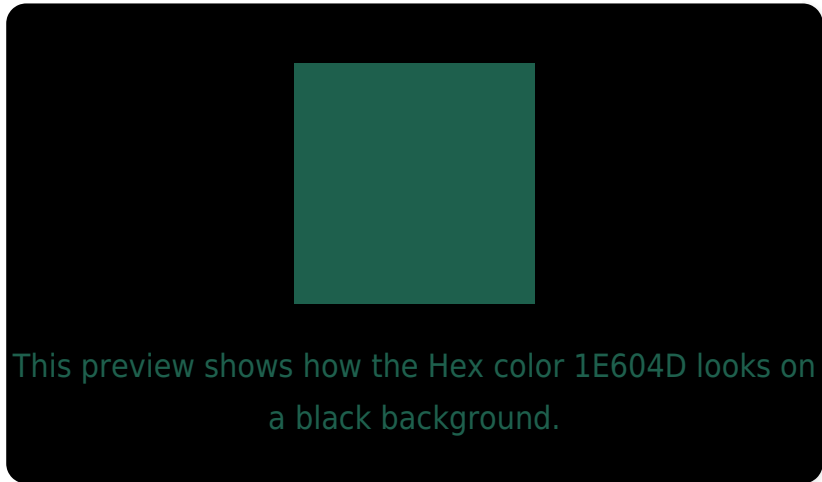
Large Text (above 18pt) WCAG AA ✓ Pass

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

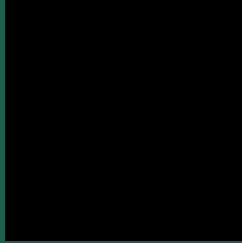
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1E604D Background



This preview shows how black text looks on a background with the Hex color 1E604D.



This preview shows how white text looks on a background with the Hex color 1E604D.

# 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**  
1E604D

**Protanopia**  
5A5547

**Deuteranopia**  
5F5250



**Tritanopia**  
285D64

# Trichromacy



**Original Color**  
1E604D

**Protanomaly**  
445949

**Deuteranomaly**  
47574F

**Tritanomaly**  
245E5C

# Monochromacy



**Original Color**  
1E604D

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
3A524B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E604D 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 #1E604D looks like.

```
.text, #text, p{  
    color:#1E604D  
}
```

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 #1E604D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E604D
}
```

## Border

The CSS property to change the border of an element to Hex 1E604D 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
#1E604D }
```

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

```
.border{ border-color:#1E604D }
```

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

Here you see how a box with a 4 pixel #1E604D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E604D; -webkit-box-shadow:4px 4px  
4px 4px #1E604D; box-shadow:4px 4px 4px  
4px #1E604D }
```

# Background

The CSS property to change the background color of an element to Hex 1E604D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E604D }
```

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

```
.background{ background-color:#1E604D }
```

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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