

Converting Colors

Hex(1E1051)

Have a look what the booklet for
Hex(1E1051) contains.

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Color

Hex(1E1051)

Conversions

Conversions Part 1

Format	Color
Hex	1E1051
RGB	30, 16, 81
RGB Percent	12%, 6%, 32%
CMY	0.8824, 0.9373, 0.6824
CMYK	0.63, 0.80, 0.00, 0.68
HSL	253°, 67%, 19%
HSV	253°, 80%, 32%
XYZ	2.2059, 1.2407, 7.9078
YIQ	27.5960, -12.5210, 23.1830

Conversions

Conversions Part 2

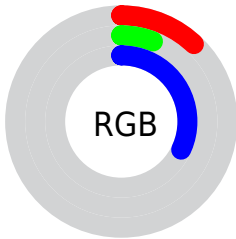
Format	Color
R_{YB}	30, 16, 81
Decimal	1970257
CIE _{Lab}	10.85, 26.87, -37.14
CIE _{LCh}	11, 45.845, 305.884
Yxy	1.2407, 0.1943, 0.1093
Android (android.graphics.Color)	4280160337 (0xFF1E1051)
YUV	27.5960, 26.3282, 2.1083
Hunter-Lab	11.1386, 15.8580, -34.2956

Details

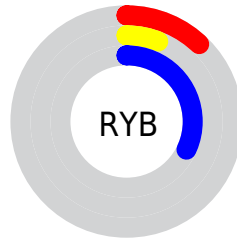
The Hex color **1E1051** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **435110**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **513C83**, and **000223** is the 20% darker color. If you saturate the color by 10%, you get **180851**, and if you desaturate by 10%, it is **241851**.

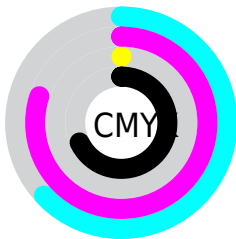
Distribution



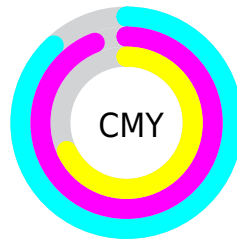
- Red (12%)
- Green (6%)
- Blue (32%)



- Red (12%)
- Yellow (6%)
- Blue (32%)



- Cyan (63%)
- Magenta (80%)
- Yellow (0%)
- Black (68%)



- Cyan (88%)
- Magenta (94%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E1051 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 1E1051 by changing the saturation by 10% instead.

 1E1051

 1E1051

 FFF3FF

 0A003A

 513C83

 000223

 6B539E

 00000A

 856CB9


 000000

 A085D5

 BC9FF1

 D8BAFF

 F5D6FF

 1E1051

 1E1051

■ 180851

■ 241851

■ 110051

■ 2B2051

■ 312851

■ 373051

■ 3E3951

■ 444151

■ 4A4951

■ 515151

■ 575951

Harmonies

Analogous

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



00205D



1E1051



450037

Triad

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



1E1051



391000



002B23

Complementary

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



1E1051



435110

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.



002900



1E1051



201E00

Square

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



1E1051



4A0000



002500



002A42

Rectangle

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



1E1051



4E0023



002500



002A18

Sweetspot

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



1E1051



554F69



104451



292636



B5B5B5



363636

Same Dimension

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



1E1051



1A0469



3E1051



262529



170069



3200E8

Inverse Universe

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



511043



690453



245110



292528



690052



E800B6

Previews

White Background



This preview shows how the Hex color 1E1051 looks on a white background.

Color Contrast Check

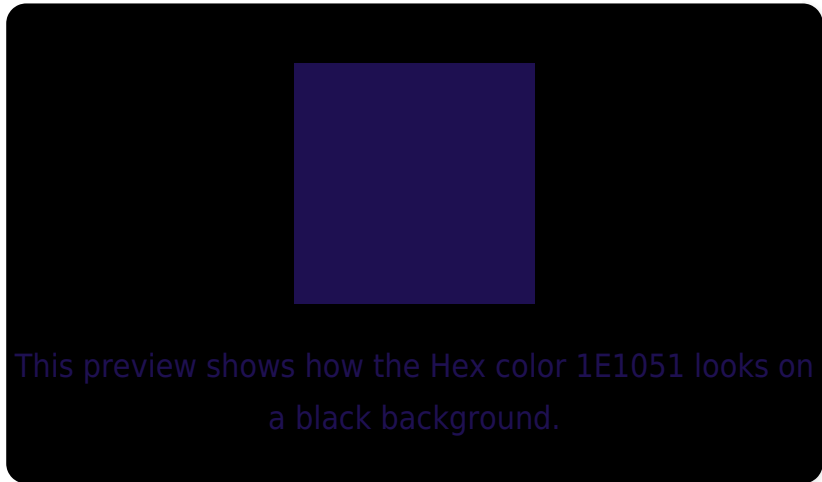
Large Text (above 18pt) WCAG AA ✓ Pass

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

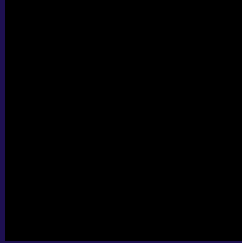
Any Text WCAG AA × Fail

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 1E1051 Background



This preview shows how black text looks on a background with the Hex color 1E1051.



This preview shows how white text looks on a background with the Hex color 1E1051.

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
1E1051

Protanopia
001E3E

Deuteranopia
001F35

Trichromacy



Original Color
1E1051

Protanomaly
0B1945

Deuteranomaly
0B1A3F

Tritanomaly
0B1B35

Monochromacy



Original Color
1E1051

Achromatopsia
1C1C1C

Achromatomaly
1D182F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E1051 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 #1E1051 looks like.

```
.text, #text, p{  
    color:#1E1051  
}
```

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 #1E1051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E1051
}
```

Border

The CSS property to change the border of an element to Hex 1E1051 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
#1E1051 }
```

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

```
.border{ border-color:#1E1051 }
```

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

Here you see how a box with a 4 pixel #1E1051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E1051; -webkit-box-shadow:4px 4px  
4px 4px #1E1051; box-shadow:4px 4px 4px  
4px #1E1051 }
```

Background

The CSS property to change the background color of an element to Hex 1E1051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E1051 }
```

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

```
.background{ background-color:#1E1051 }
```

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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