

Converting Colors

Hex(1E105D)

Have a look what the booklet for
Hex(1E105D) contains.

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Color

Hex(1E105D)

Conversions

Conversions Part 1

Format	Color
Hex	1E105D
RGB	30, 16, 93
RGB Percent	12%, 6%, 36%
CMY	0.8824, 0.9373, 0.6353
CMYK	0.68, 0.83, 0.00, 0.64
HSL	251°, 71%, 21%
HSV	251°, 83%, 36%
XYZ	2.6965, 1.4369, 10.4912
YIQ	28.9640, -16.3730, 26.9150

Conversions

Conversions Part 2

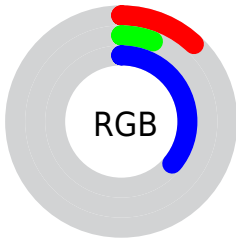
Format	Color
R_{YB}	30, 16, 93
Decimal	1970269
CIE _{Lab}	12.20, 30.94, -43.07
CIE _{LCh}	12, 53.027, 305.693
Yxy	1.4369, 0.1844, 0.0983
Android (android.graphics.Color)	4280160349 (0xFF1E105D)
YUV	28.9640, 31.5697, 0.9086
Hunter-Lab	11.9871, 19.1759, -43.4997

Details

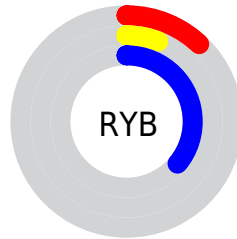
The Hex color **1E105D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4F5D10**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **543C90**, and **00032E** is the 20% darker color. If you saturate the color by 10%, you get **16075D**, and if you desaturate by 10%, it is **26195D**.

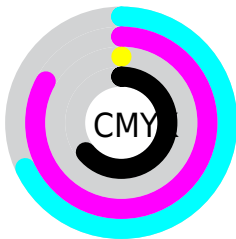
Distribution



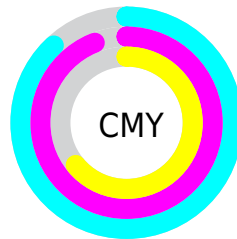
- Red (12%)
- Green (6%)
- Blue (36%)



- Red (12%)
- Yellow (6%)
- Blue (36%)



- Cyan (68%)
- Magenta (83%)
- Yellow (0%)
- Black (64%)



- Cyan (88%)
- Magenta (94%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E105D 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 1E105D by changing the saturation by 10% instead.

■ 1E105D

■ 1E105D

■ FFF4FF

■ 020045

■ 543C90

■ 00032E

■ 6E54AB

■ 000118

■ 896DC7

■ 000000

■ A586E3

■ C1A1FF

■ DDBCFF

■ FBD8FF

■ 1E105D

■ 1E105D

■ 16075D

■ 26195D

■ 11005D

■ 2D235D

■ 352C5D

■ 3C355D

■ 443F5D

■ 4C485D

■ 53515D

■ 5B5A5D

■ 62645D

Harmonies

Analogous

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



00246B



1E105D



4D003F

Triad

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



1E105D



401000



002E26

Complementary

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



1E105D



4F5D10

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.



002D00



1E105D



232100

Square

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



1E105D



540000



002900



002E4B

Rectangle

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



1E105D



590027



002900



002E19

Sweetspot

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



1E105D



5F5A78



10505D



2E2B3D



BDBDBD



3D3D3D

Same Dimension

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



1E105D



170178



43105D



2A292E



14006E



2B00ED

Inverse Universe

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



5D104F



780162



2A5D10



2E292D



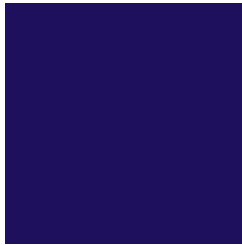
6E005A



ED00C2

Previews

White Background



This preview shows how the Hex color 1E105D looks on a white background.

Color Contrast Check

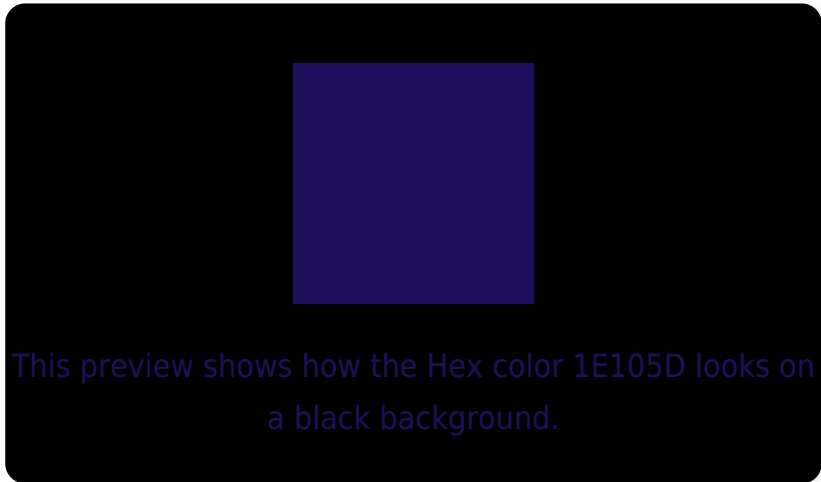
Large Text (above 18pt) WCAG AA ✓ Pass

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

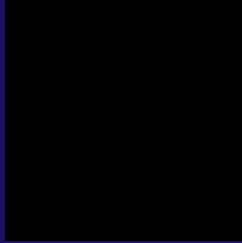
Any Text WCAG AA × Fail

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 1E105D Background



This preview shows how black text looks on a background with the Hex color 1E105D.



This preview shows how white text looks on a background with the Hex color 1E105D.

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
1E105D

Protanopia
002044

Deuteranopia
00223A

Trichromacy



Original Color
1E105D

Protanomaly
0B1A4D

Deuteranomaly
0B1B47

Tritanomaly
0B1D3B

Monochromacy



Original Color
1E105D

Achromatopsia
1D1D1D

Achromatomaly
1D1834

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E105D 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 #1E105D looks like.

```
.text, #text, p{  
    color:#1E105D  
}
```

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 #1E105D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E105D
}
```

Border

The CSS property to change the border of an element to Hex 1E105D is called "border". The border property can be set on classes, ids or directly on the HTML element.

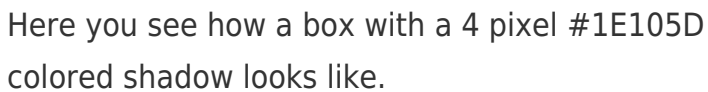
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E105D }
```

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

```
.border{ border-color:#1E105D }
```

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



Here you see how a box with a 4 pixel #1E105D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E105D; -webkit-box-shadow:4px 4px  
4px 4px #1E105D; box-shadow:4px 4px 4px  
4px #1E105D }
```

Background

The CSS property to change the background color of an element to Hex 1E105D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E105D }
```

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

```
.background{ background-color:#1E105D }
```

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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