

Converting Colors

Hex(1E054D)

Have a look what the booklet for
Hex(1E054D) contains.

Hex(1E054D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1E054D)

Conversions

Conversions Part 1

Format	Color
Hex	1E054D
RGB	30, 5, 77
RGB Percent	12%, 2%, 30%
CMY	0.8824, 0.9804, 0.6980
CMYK	0.61, 0.94, 0.00, 0.70
HSL	261°, 88%, 16%
HSV	261°, 94%, 30%
XYZ	1.9292, 0.9204, 7.0971
YIQ	20.6830, -8.2120, 27.6920

Conversions

Conversions Part 2

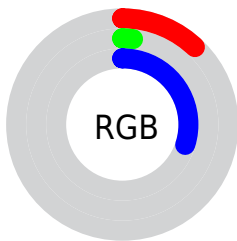
Format	Color
R_{YB}	30, 5, 77
Decimal	1967437
CIE Lab	8.31, 31.61, -38.58
CIE LCh	8, 49.871, 309.330
Yxy	0.9204, 0.1940, 0.0925
Android (android.graphics.Color)	4280157517 (0xFF1E054D)
YUV	20.6830, 27.7643, 8.1710
Hunter-Lab	9.5937, 19.1067, -37.1457

Details

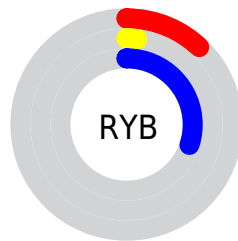
The Hex color **1E054D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **344D05**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **51327F**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **1B004D**, and if you desaturate by 10%, it is **230D4D**.

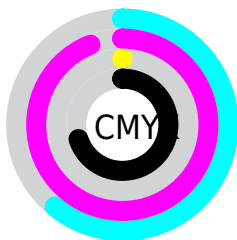
Distribution



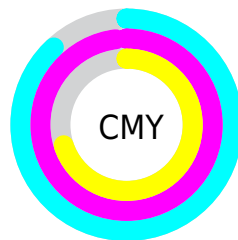
- Red (12%)
- Green (2%)
- Blue (30%)



- Red (12%)
- Yellow (2%)
- Blue (30%)



- Cyan (61%)
- Magenta (94%)
- Yellow (0%)
- Black (70%)



- Cyan (88%)
- Magenta (98%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E054D 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 1E054D by changing the saturation by 10% instead.


 1E054D

 1E054D

 FFE8FF

 070036

 51327F

 00021F

 6B4999

 000003

 8662B4

 000000

 A17BD0

 BD95ED

 D9B0FF

 F6CCFF

 1E054D

 1E054D

■ 1B004D

■ 230D4D

■ 28144D

■ 2D1C4D

■ 32244D

■ 372B4D

■ 3C334D

■ 413B4D

■ 46434D

■ 4B4A4D

Harmonies

Analogous

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



001B5C



1E054D



440030

Triad

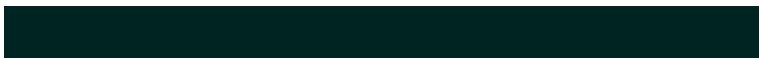
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1E054D



310C00



002422

Complementary

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



1E054D



344D05

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.



002400



1E054D



161B00

Square

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



1E054D



440000



002200



002642

Rectangle

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



1E054D



4C001B



002200



002416

Sweetspot

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



1E054D



514863



05354D



282233



B3B3B3



333333

Same Dimension

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



1E054D



230063



41054D



242226



230066



5000E6

Inverse Universe

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



4D0534



630041



114D05



262225



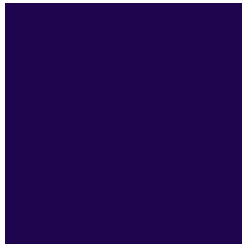
660043



E60096

Previews

White Background



This preview shows how the Hex color 1E054D looks on a white background.

Color Contrast Check

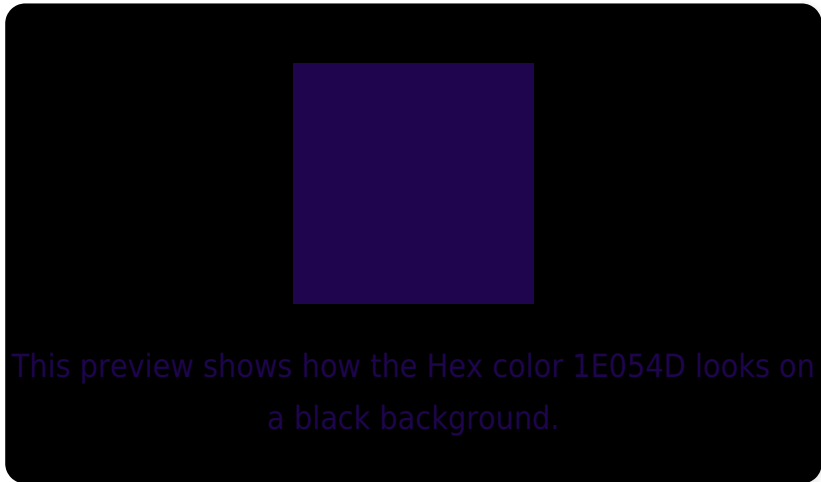
Large Text (above 18pt) WCAG AA ✓ Pass

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

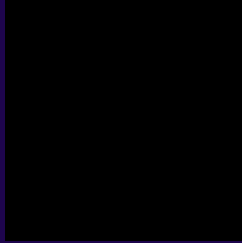
Any Text WCAG AA × Fail

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 1E054D Background



This preview shows how black text looks on a background with the Hex color 1E054D.



This preview shows how white text looks on a background with the Hex color 1E054D.

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
1E054D

Protanopia
001A37

Deuteranopia
001C2F



Tritanopia
041E21

Trichromacy



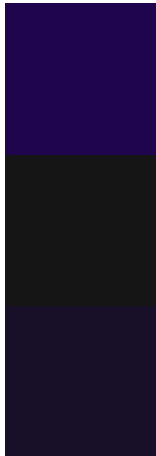
Original Color
1E054D

Protanomaly
0B123F

Deuteranomaly
0B143A

Tritanomaly
0D1531

Monochromacy



Original Color
1E054D

Achromatopsia
151515

Achromatomaly
180F29

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E054D 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 #1E054D looks like.

```
.text, #text, p{  
    color:#1E054D  
}
```

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 #1E054D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E054D }  
}
```

Border

The CSS property to change the border of an element to Hex 1E054D 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 #1E054D }  
}
```

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

```
.border{ border-color:#1E054D }
```

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

Here you see how a box with a 4 pixel #1E054D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E054D; -webkit-box-shadow:4px 4px  
4px 4px #1E054D; box-shadow:4px 4px 4px  
4px #1E054D }
```

Background

The CSS property to change the background color of an element to Hex 1E054D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E054D }
```

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

```
.background{ background-color:#1E054D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor