

Converting Colors

Hex(1E367F)

Have a look what the booklet for
Hex(1E367F) contains.

Hex(1E367F)	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(1E367F)

Conversions

Conversions Part 1

Format	Color
Hex	1E367F
RGB	30, 54, 127
RGB Percent	12%, 21%, 50%
CMY	0.8824, 0.7882, 0.5020
CMYK	0.76, 0.57, 0.00, 0.50
HSL	225°, 62%, 31%
HSV	225°, 76%, 50%
XYZ	5.6854, 4.4467, 20.6373
YIQ	55.1460, -37.7370, 17.6150

Conversions

Conversions Part 2

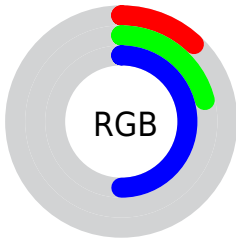
Format	Color
R_{YB}	30, 49, 127
Decimal	1980031
CIE _{Lab}	25.10, 18.40, -44.03
CIE _{LCh}	25, 47.720, 292.685
Yxy	4.4467, 0.1848, 0.1445
Android (android.graphics.Color)	4280170111 (0xFF1E367F)
YUV	55.1460, 35.4240, -22.0530
Hunter-Lab	21.0871, 11.2235, -43.2644

Details

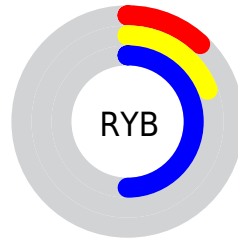
The Hex color **1E367F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7F671E**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5964B4**, and **000D4D** is the 20% darker color. If you saturate the color by 10%, you get **112C7F**, and if you desaturate by 10%, it is **2B407F**.

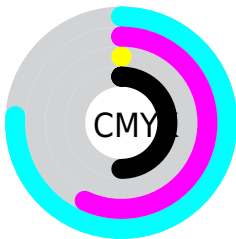
Distribution



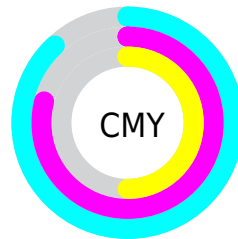
- Red (12%)
- Green (21%)
- Blue (50%)



- Red (12%)
- Yellow (19%)
- Blue (50%)



- Cyan (76%)
- Magenta (57%)
- Yellow (0%)
- Black (50%)



- Cyan (88%)
- Magenta (79%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E367F 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 1E367F by changing the saturation by 10% instead.

■ 1E367F

■ 1E367F

FFFFFF

■ 002165

■ 5964B4

■ 000D4D

■ 757DD0

■ 000536

■ 9097ED

■ 00021F

■ ACB2FF

■ 000003

■ C9CDFF

■ 000000

■ E6E9FF

■ 1E367F

■ 1E367F

■ 112C7F

■ 2B407F

■ 05237F

■ 37497F

■ 001F7F

■ 44537F

■ 515C7F

■ 5E667F

■ 6A6F7F

■ 77797F

■ 84827F

■ 908C7F

Harmonies

Analogous

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



004384



1E367F



5D2268

Triad

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



1E367F



6A2600



004A31

Complementary

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



1E367F



7F671E

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.



004809



1E367F



513700

Square

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



1E367F



780E22



314200



004B57

Rectangle

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



1E367F



701152



314200



004A24

Sweetspot

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



1E367F



8089A6



1E7F67



3D4254



D4D4D4



545454

Same Dimension

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



1E367F



0D33A6



361E7F



393B40



002080



000000

Inverse Universe

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



7F1E36



A60D33



677F1E



40393B



800020



000000

Previews

White Background



This preview shows how the Hex color 1E367F looks on a white background.

Color Contrast Check

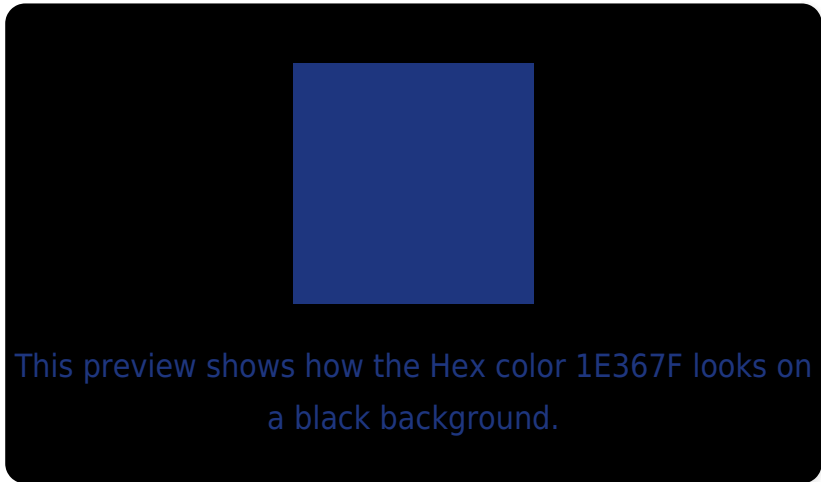
Large Text (above 18pt) WCAG AA ✓ Pass

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

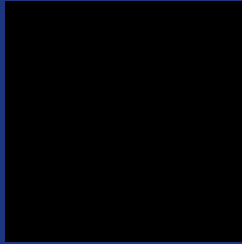
Any Text WCAG AA × Fail

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 1E367F Background



This preview shows how black text looks on a background with the Hex color 1E367F.



This preview shows how white text looks on a background with the Hex color 1E367F.

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
1E367F

Protanopia
00397A

Deuteranopia
003D69

Trichromacy



Original Color
1E367F

Protanomaly
0B387C

Deuteranomaly
0B3A71

Tritanomaly
0B3E5B

Monochromacy



Original Color
1E367F

Achromatopsia
373737

Achromatomaly
2E3751

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E367F 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 #1E367F looks like.

```
.text, #text, p{  
    color:#1E367F  
}
```

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 #1E367F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E367F
}
```

Border

The CSS property to change the border of an element to Hex 1E367F 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
#1E367F }
```

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

```
.border{ border-color:#1E367F }
```

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

Here you see how a box with a 4 pixel #1E367F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E367F; -webkit-box-shadow:4px 4px  
4px 4px #1E367F; box-shadow:4px 4px 4px  
4px #1E367F }
```

Background

The CSS property to change the background color of an element to Hex 1E367F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E367F }
```

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

```
.background{ background-color:#1E367F }
```

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