

Converting Colors

Hex(13235E)

Have a look what the booklet for
Hex(13235E) contains.

Hex(13235E)	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(13235E)

Conversions

Conversions Part 1

Format	Color
Hex	13235E
RGB	19, 35, 94
RGB Percent	7%, 14%, 37%
CMY	0.9255, 0.8627, 0.6314
CMYK	0.80, 0.63, 0.00, 0.63
HSL	227°, 66%, 22%
HSV	227°, 80%, 37%
XYZ	2.8900, 2.1487, 10.8521
YIQ	36.9420, -28.4750, 14.9570

Conversions

Conversions Part 2

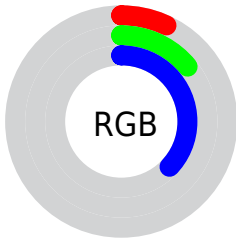
Format	Color
R_{YB}	19, 32, 94
Decimal	1254238
CIE _{Lab}	16.25, 17.06, -37.13
CIE _{LCh}	16, 40.857, 294.673
Yxy	2.1487, 0.1819, 0.1352
Android (android.graphics.Color)	4279444318 (0xFF13235E)
YUV	36.9420, 28.1296, -15.7351
Hunter-Lab	14.6583, 9.5402, -33.6337

Details

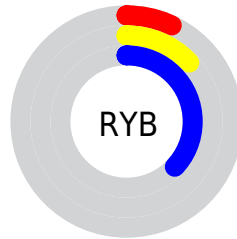
The Hex color **13235E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5E4E13**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **4B4F91**, and **00032F** is the 20% darker color. If you saturate the color by 10%, you get **0A1C5E**, and if you desaturate by 10%, it is **1C2A5E**.

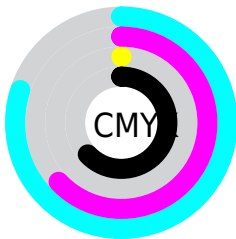
Distribution



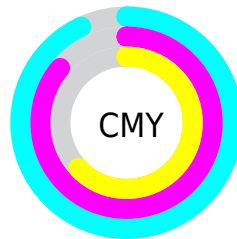
- Red (7%)
- Green (14%)
- Blue (37%)



- Red (7%)
- Yellow (13%)
- Blue (37%)



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



- Cyan (93%)
- Magenta (86%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13235E 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 13235E by changing the saturation by 10% instead.

■ 13235E

■ 13235E

FFFFFF

■ 000F46

■ 4B4F91

■ 00032F

■ 6567AC

■ 000119

■ 8080C7

■ 000000

■ 9B9AE4

■ B7B5FF

■ D3D0FF

■ F0EDFF

■ 13235E

■ 13235E

■ 0A1C5E

■ 1C2A5E

■ 00145E

■ 26325E

■ 2F395E

■ 39415E

■ 42485E

■ 4B4F5E

■ 55575E

■ 5E5E5E

■ 68665E

Harmonies

Analogous

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



002E63



13235E



45114A

Triad

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



13235E



4C1700



003422

Complementary

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



13235E



5E4E13

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.



003200



13235E



372500

Square

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



13235E



580112



1C2E00



003440

Rectangle

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



13235E



530038



1C2E00



003318

Sweetspot

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



13235E



5D637A



135E4E



2B2F3D



BDBDBD



3D3D3D

Same Dimension

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



13235E



051E7A



28135E



292A2E



00176E



0033ED

Inverse Universe

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



5E1323



7A051E



495E13



2E292A



6E0017



ED0033

Previews

White Background



This preview shows how the Hex color 13235E looks on a white background.

Color Contrast Check

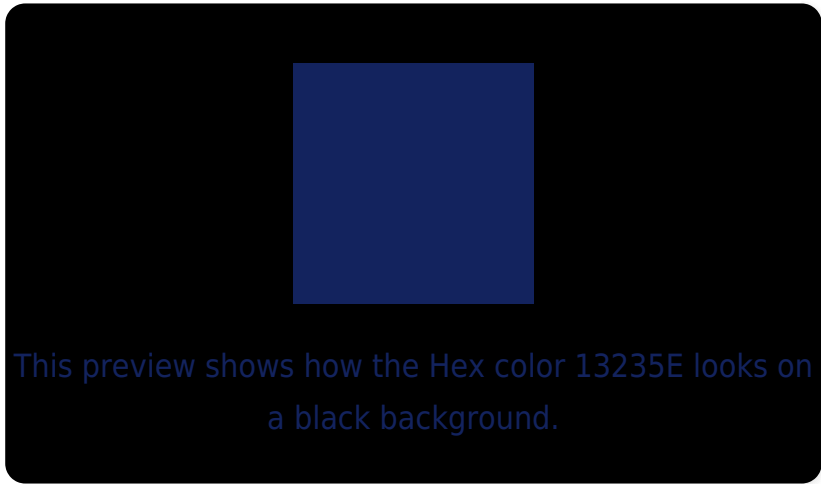
Large Text (above 18pt) WCAG AA ✓ Pass

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

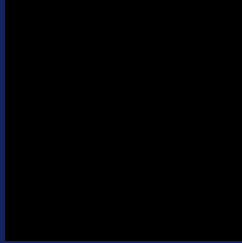
Any Text WCAG AA × Fail

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 13235E Background



This preview shows how black text looks on a background with the Hex color 13235E.



This preview shows how white text looks on a background with the Hex color 13235E.

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
13235E

Protanopia
002753

Deuteranopia
002A47

Trichromacy



Original Color
13235E

Protanomaly
072657

Deuteranomaly
07274F

Tritanomaly
072941

Monochromacy



Original Color
13235E

Achromatopsia
252525

Achromatomaly
1E243A

CSS Examples

Text

The CSS property to change the color of the text to Hex 13235E 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 #13235E looks like.

```
.text, #text, p{  
    color:#13235E  
}
```

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 #13235E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13235E
}
```

Border

The CSS property to change the border of an element to Hex 13235E 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
#13235E }
```

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

```
.border{ border-color:#13235E }
```

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

Here you see how a box with a 4 pixel #13235E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13235E; -webkit-box-shadow:4px 4px  
4px 4px #13235E; box-shadow:4px 4px 4px  
4px #13235E }
```

Background

The CSS property to change the background color of an element to Hex 13235E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13235E }
```

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

```
.background{ background-color:#13235E }
```

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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