

Converting Colors

Hex(13266E)

Have a look what the booklet for
Hex(13266E) contains.

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Color

Hex(13266E)

Conversions

Conversions Part 1

Format	Color
Hex	13266E
RGB	19, 38, 110
RGB Percent	7%, 15%, 43%
CMY	0.9255, 0.8510, 0.5686
CMYK	0.83, 0.65, 0.00, 0.57
HSL	227°, 71%, 25%
HSV	227°, 83%, 43%
XYZ	3.7761, 2.6505, 15.0644
YIQ	40.5270, -34.4360, 18.3640

Conversions

Conversions Part 2

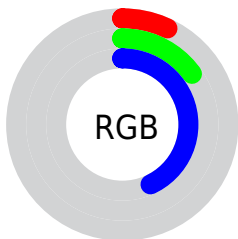
Format	Color
R_{YB}	19, 35, 110
Decimal	1255022
CIE _{Lab}	18.59, 21.53, -43.81
CIE _{LCh}	19, 48.817, 296.175
Yxy	2.6505, 0.1757, 0.1233
Android (android.graphics.Color)	4279445102 (0xFF13266E)
YUV	40.5270, 34.2502, -18.8792
Hunter-Lab	16.2802, 12.9120, -43.4660

Details

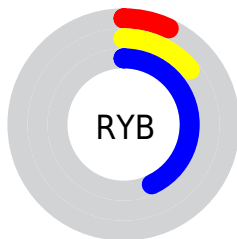
The Hex color **13266E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6E5B13**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **4F53A2**, and **00003D** is the 20% darker color. If you saturate the color by 10%, you get **081D6E**, and if you desaturate by 10%, it is **1E2F6E**.

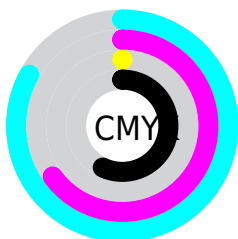
Distribution



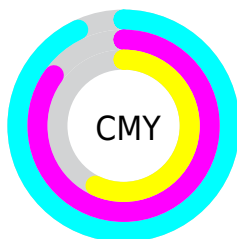
- Red (7%)
- Green (15%)
- Blue (43%)



- Red (7%)
- Yellow (14%)
- Blue (43%)



- Cyan (83%)
- Magenta (65%)
- Yellow (0%)
- Black (57%)



- Cyan (93%)
- Magenta (85%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13266E 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 13266E by changing the saturation by 10% instead.

■ 13266E

■ 13266E

FFFFFF

■ 001255

■ 4F53A2

■ 00003D

■ 6B6BBE

■ 000327

■ 8684DA

■ 000110

■ A29EF7

■ 000000

■ BEB9FF

■ DBD5FF

■ F8F1FF

■ 13266E

■ 13266E

■ 081D6E

■ 1E2F6E

■ 00176E

■ 29376E

■ 34406E

■ 3F496E

■ 4A526E

■ 555A6E

■ 60636E

■ 6B6C6E

■ 76746E

Harmonies

Analogous

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



003475



13266E



510A55

Triad

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



13266E



561800



003B28

Complementary

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



13266E



6E5B13

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.



003900



13266E



3D2B00

Square

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



13266E



660011



1A3400



003B4C

Rectangle

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



13266E



62003F



1A3400



003A1B

Sweetspot

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



13266E



6B738F



136E5A



323647



C7C7C7



474747

Same Dimension

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



13266E



011F8F



2D136E



323438



001978



0034F7

Inverse Universe

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



6E1326



8F011F



546E13



383234



780019



F70034

Previews

White Background



This preview shows how the Hex color 13266E looks on a white background.

Color Contrast Check

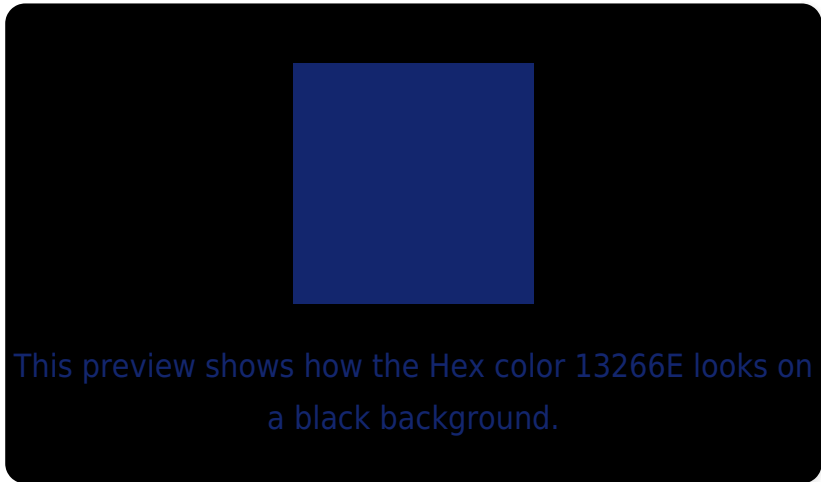
Large Text (above 18pt) WCAG AA ✓ Pass

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

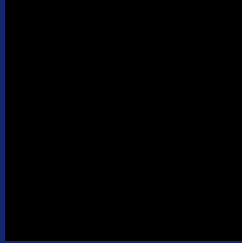
Any Text WCAG AA × Fail

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 13266E Background



This preview shows how black text looks on a background with the Hex color 13266E.



This preview shows how white text looks on a background with the Hex color 13266E.

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
13266E

Protanopia
002C5D

Deuteranopia
002F50



Tritanopia
003336

Trichromacy



Original Color
13266E

Protanomaly
072A63

Deuteranomaly
072C5B

Tritanomaly
072E4A

Monochromacy



Original Color
13266E

Achromatopsia
292929

Achromatomaly
212842

CSS Examples

Text

The CSS property to change the color of the text to Hex 13266E 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 #13266E looks like.

```
.text, #text, p{  
    color:#13266E  
}
```

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 #13266E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13266E
}
```

Border

The CSS property to change the border of an element to Hex 13266E 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
#13266E }
```

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

```
.border{ border-color:#13266E }
```

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

Here you see how a box with a 4 pixel #13266E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13266E; -webkit-box-shadow:4px 4px  
4px 4px #13266E; box-shadow:4px 4px 4px  
4px #13266E }
```

Background

The CSS property to change the background color of an element to Hex 13266E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13266E }
```

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

```
.background{ background-color:#13266E }
```

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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