

Converting Colors

Hex(32206E)

Have a look what the booklet for
Hex(32206E) contains.

Hex(32206E)	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(32206E)

Conversions

Conversions Part 1

Format	Color
Hex	32206E
RGB	50, 32, 110
RGB Percent	20%, 13%, 43%
CMY	0.8039, 0.8745, 0.5686
CMYK	0.55, 0.71, 0.00, 0.57
HSL	254°, 55%, 28%
HSV	254°, 71%, 43%
XYZ	4.6464, 2.8369, 15.0545
YIQ	46.2740, -14.3100, 28.0740

Conversions

Conversions Part 2

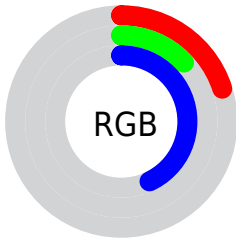
Format	Color
R_{YB}	50, 32, 110
Decimal	3285102
CIE _{Lab}	19.38, 30.33, -42.42
CIE _{LCh}	19, 52.147, 305.562
Yxy	2.8369, 0.2062, 0.1259
Android (android.graphics.Color)	4281475182 (0xFF32206E)
YUV	46.2740, 31.4169, 3.2677
Hunter-Lab	16.8432, 19.7657, -41.2036

Details

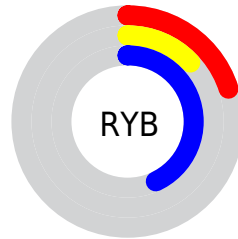
The Hex color **32206E** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5C6E20**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **674EA2**, and **00003E** is the 20% darker color. If you saturate the color by 10%, you get **2A156E**, and if you desaturate by 10%, it is **3A2B6E**.

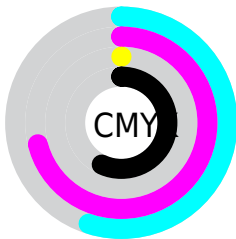
Distribution



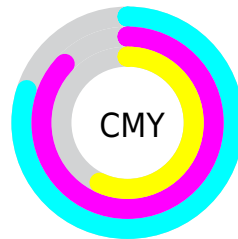
- Red (20%)
- Green (13%)
- Blue (43%)



- Red (20%)
- Yellow (13%)
- Blue (43%)



- Cyan (55%)
- Magenta (71%)
- Yellow (0%)
- Black (57%)



- Cyan (80%)
- Magenta (87%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32206E 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 32206E by changing the saturation by 10% instead.

■ 32206E

■ 32206E

FFFFFF

■ 150A55

■ 674EA2

■ 00003E

■ 8166BE

■ 000327

■ 9D7FDA

■ 000110

■ B899F7

■ 000000

■ D5B4FF

■ F2D0FF

■ FFEDFF

■ 32206E

■ 32206E

■ 2A156E

■ 3A2B6E

■ 210A6E

■ 43366E

■ 19006E

■ 4B416E

■ 544C6E

■ 5C576E

■ 65626E

■ 6D6D6E

■ 76786E

■ 7E836E

Harmonies

Analogous

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



00337C



32206E



5F004F

Triad

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



32206E



532000



003D35

Complementary

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



32206E



5C6E20

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.



003C0B



32206E



353000

Square

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



32206E



680000



043800



003E5B

Rectangle

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



32206E



6B0036



043800



003D28

Sweetspot

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



32206E



78718F



205D6E



3A3647



C7C7C7



474747

Same Dimension

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



32206E



31158F



58206E



343238



1C0078



3900F7

Inverse Universe

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



6E205C



8F1573



366E20



383237



78005C



F700BE

Previews

White Background



This preview shows how the Hex color 32206E looks on a white background.

Color Contrast Check

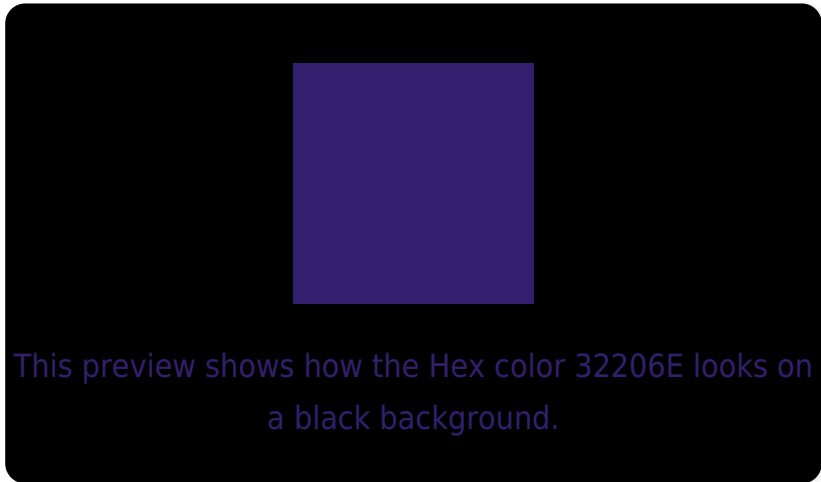
Large Text (above 18pt) WCAG AA ✓ Pass

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

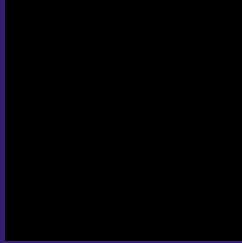
Any Text WCAG AA × Fail

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 32206E Background



This preview shows how black text looks on a background with the Hex color 32206E.



This preview shows how white text looks on a background with the Hex color 32206E.

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
32206E

Protanopia
002E61

Deuteranopia
003153



Tritanopia
1F3337

Trichromacy



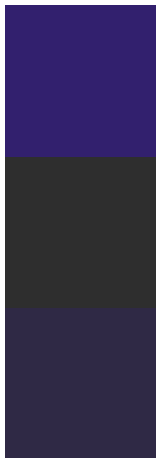
Original Color
32206E

Protanomaly
122966

Deuteranomaly
122B5D

Tritanomaly
262C4B

Monochromacy



Original Color
32206E

Achromatopsia
2E2E2E

Achromatomaly
2F2945

CSS Examples

Text

The CSS property to change the color of the text to Hex 32206E 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 #32206E looks like.

```
.text, #text, p{  
    color:#32206E  
}
```

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 #32206E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32206E
}
```

Border

The CSS property to change the border of an element to Hex 32206E is called "border". The border property can be set on classes, ids or directly on the HTML element.

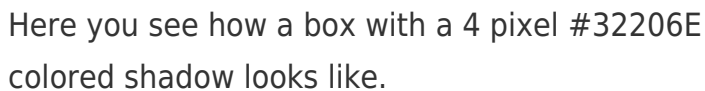
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#32206E }
```

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

```
.border{ border-color:#32206E }
```

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



Here you see how a box with a 4 pixel #32206E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32206E; -webkit-box-shadow:4px 4px  
4px 4px #32206E; box-shadow:4px 4px 4px  
4px #32206E }
```

Background

The CSS property to change the background color of an element to Hex 32206E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32206E }
```

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

```
.background{ background-color:#32206E }
```

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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