

Converting Colors

Hex(3D207E)

Have a look what the booklet for
Hex(3D207E) contains.

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Color

Hex(3D207E)

Conversions

Conversions Part 1

Format	Color
Hex	3D207E
RGB	61, 32, 126
RGB Percent	24%, 13%, 49%
CMY	0.7608, 0.8745, 0.5059
CMYK	0.52, 0.75, 0.00, 0.51
HSL	259°, 59%, 31%
HSV	259°, 75%, 49%
XYZ	6.2069, 3.5315, 20.0932
YIQ	51.3870, -12.8900, 35.3820

Conversions

Conversions Part 2

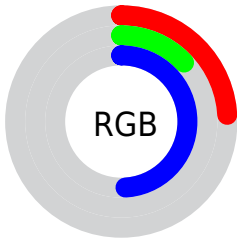
Format	Color
R _{YB}	61, 32, 126
Decimal	4006014
CIE Lab	22.06, 37.31, -48.25
CIE LCh	22, 60.989, 307.711
Yxy	3.5315, 0.2081, 0.1184
Android (android.graphics.Color)	4282196094 (0xFF3D207E)
YUV	51.3870, 36.7842, 8.4306
Hunter-Lab	18.7922, 26.0702, -50.2399

Details

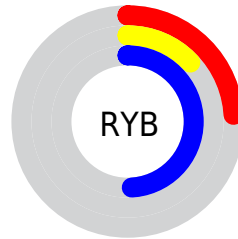
The Hex color **3D207E** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **617E20**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **734FB4**, and **01004C** is the 20% darker color. If you saturate the color by 10%, you get **34137E**, and if you desaturate by 10%, it is **462D7E**.

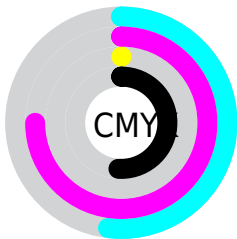
Distribution



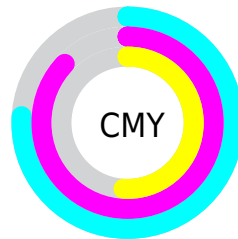
- Red (24%)
- Green (13%)
- Blue (49%)



- Red (24%)
- Yellow (13%)
- Blue (49%)



- Cyan (52%)
- Magenta (75%)
- Yellow (0%)
- Black (51%)



- Cyan (76%)
- Magenta (87%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D207E 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 3D207E by changing the saturation by 10% instead.

■ 3D207E

■ 3D207E

FFFFFF

■ 200864

■ 734FB4

■ 01004C

■ 8E68CF

■ 000234

■ AA82EC

■ 00021E

■ C79CFF

■ 000000

■ E4B7FF

■ FFD3FF

■ FFEFFF

■ 3D207E

■ 3D207E

■ 34137E

■ 462D7E

■ 2C077E

■ 4E397E

■ 27007E

■ 57467E

■ 60527E

■ 695F7E

■ 716C7E

■ 7A787E

■ 83857E

■ 8B917E

Harmonies

Analogous

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



003891



3D207E



700058

Triad

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



3D207E



5C2400



004540

Complementary

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



3D207E



617E20

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.



00440E



3D207E



383700

Square

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



3D207E



760000



004000



00466C

Rectangle

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



3D207E



7D003A



004000



004530

Sweetspot

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



3D207E



8A7FA3



20627E



433C52



D1D1D1



525252

Same Dimension

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



3D207E



3E10A3



6B207E



3B3940



270080



000000

Inverse Universe

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



7E2061



A31076



337E20



40393E



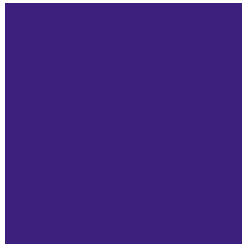
800058



000000

Previews

White Background



This preview shows how the Hex color 3D207E looks on a white background.

Color Contrast Check

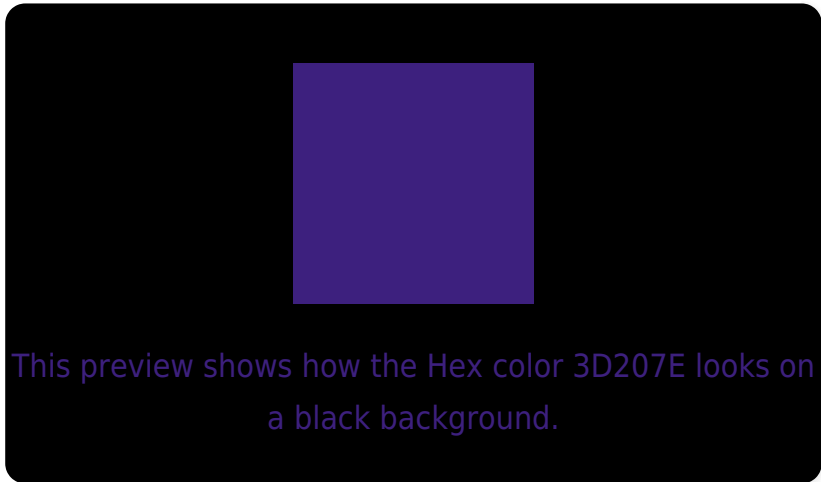
Large Text (above 18pt) WCAG AA ✓ Pass

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

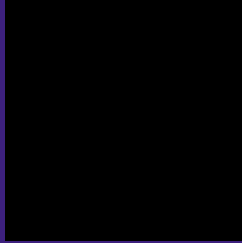
Any Text WCAG AA × Fail

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 3D207E Background



This preview shows how black text looks on a background with the Hex color 3D207E.



This preview shows how white text looks on a background with the Hex color 3D207E.

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](#).

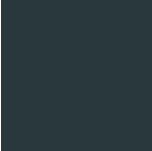
Dichromacy



Original Color
3D207E

Protanopia
00346D

Deuteranopia
00375D



Tritanopia
29383C

Trichromacy



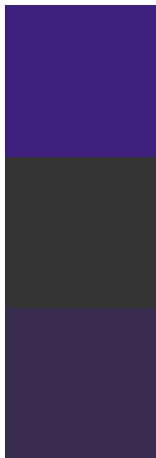
Original Color
3D207E

Protanomaly
162D73

Deuteranomaly
162F69

Tritanomaly
302F54

Monochromacy



Original Color
3D207E

Achromatopsia
333333

Achromatomaly
372C4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D207E 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 #3D207E looks like.

```
.text, #text, p{  
    color:#3D207E  
}
```

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 #3D207E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D207E
}
```

Border

The CSS property to change the border of an element to Hex 3D207E 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
#3D207E }
```

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

```
.border{ border-color:#3D207E }
```

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

Here you see how a box with a 4 pixel #3D207E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D207E; -webkit-box-shadow:4px 4px  
4px 4px #3D207E; box-shadow:4px 4px 4px  
4px #3D207E }
```

Background

The CSS property to change the background color of an element to Hex 3D207E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D207E }
```

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

```
.background{ background-color:#3D207E }
```

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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