

Converting Colors

Hex(3D12B4)

Have a look what the booklet for
Hex(3D12B4) contains.

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Color

Hex(3D12B4)

Conversions

Conversions Part 1

Format	Color
Hex	3D12B4
RGB	61, 18, 180
RGB Percent	24%, 7%, 71%
CMY	0.7608, 0.9294, 0.2941
CMYK	0.66, 0.90, 0.00, 0.29
HSL	256°, 82%, 39%
HSV	256°, 90%, 71%
XYZ	10.3790, 4.7200, 43.5440
YIQ	49.3250, -26.3740, 59.4980

Conversions

Conversions Part 2

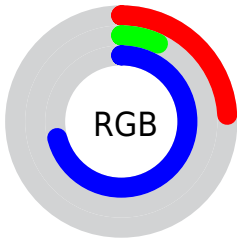
Format	Color
R_{YB}	61, 18, 180
Decimal	4002484
CIE _{Lab}	25.92, 58.29, -75.07
CIE _{LCh}	26, 95.046, 307.828
Yxy	4.7200, 0.1770, 0.0805
Android (android.graphics.Color)	4282192564 (0xFF3D12B4)
YUV	49.3250, 64.4228, 10.2390
Hunter-Lab	21.7256, 47.2554, -103.6257

Details

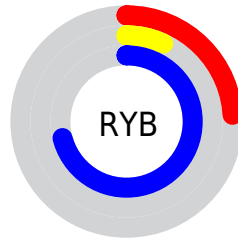
The Hex color **3D12B4** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **89B412**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **7D49ED**, and **00007E** is the 20% darker color. If you saturate the color by 10%, you get **3000B4**, and if you desaturate by 10%, it is **4A24B4**.

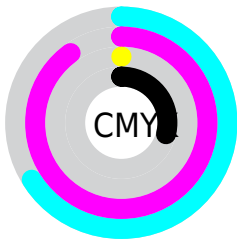
Distribution



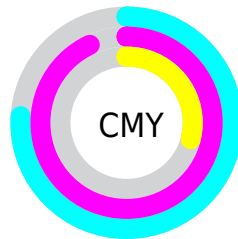
- Red (24%)
- Green (7%)
- Blue (71%)



- Red (24%)
- Yellow (7%)
- Blue (71%)



- Cyan (66%)
- Magenta (90%)
- Yellow (0%)
- Black (29%)



- Cyan (76%)
- Magenta (93%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D12B4 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 3D12B4 by changing the saturation by 10% instead.

 3D12B4

 3D12B4

FFFFFF

 0C0098

 7D49ED

 00007E

 9B63FF

 000064

 B97DFF

 00094A

 D898FF

 000433

 F6B4FF

 00021D

 FFD0FF

 000000

 FFEDFF

 3D12B4

 3D12B4

■ 3000B4

■ 4A24B4

■ 5736B4

■ 6548B4

■ 725AB4

■ 7F6CB4

■ 8C7EB4

■ 9A90B4

■ A7A2B4

■ B4B4B4

Harmonies

Analogous

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



0046D4



3D12B4



990076

Triad

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



3D12B4



751F00



005450

Complementary

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



3D12B4



89B412

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.



005100



3D12B4



3B4200

Square

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



3D12B4



9E0000



004D00



005697

Rectangle

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



3D12B4



AC0046



004D00



005336

Sweetspot

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



3D12B4



BCABEB



128CB4



5A5075



F5F5F5



757575

Same Dimension

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



3D12B4



3E00EB



8C12B4



535059



290099



07001A

Inverse Universe

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



B41289



EB00AC



3BB412



595057



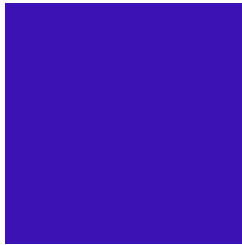
990070



1A0013

Previews

White Background



This preview shows how the Hex color 3D12B4 looks on a white background.

Color Contrast Check

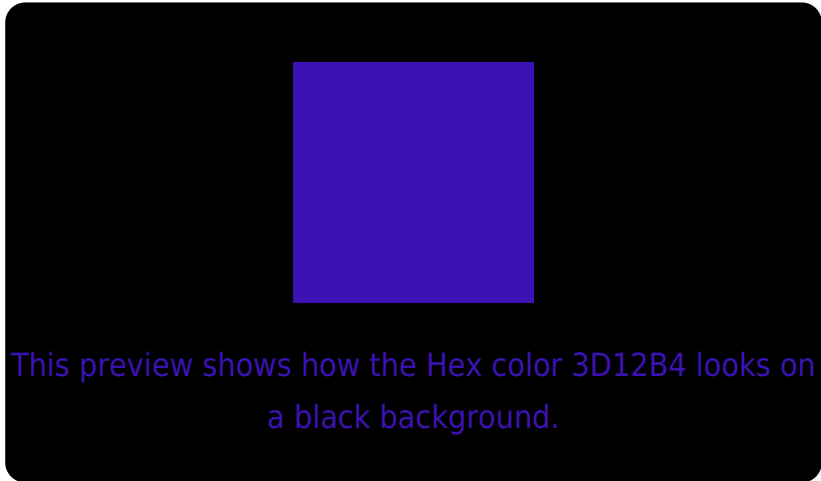
Large Text (above 18pt) WCAG AA ✓ Pass

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

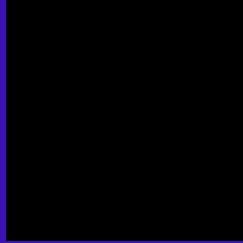
Any Text WCAG AA × Fail

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 3D12B4 Background



This preview shows how black text looks on a background with the Hex color 3D12B4.




This preview shows how white text looks on a background with the Hex color 3D12B4.

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





Tritanopia
00454A

Trichromacy



Original Color
3D12B4



Protanomaly
162D92



Deuteranomaly
162F86



Tritanomaly
163271

Monochromacy



Original Color
3D12B4



Achromatopsia
313131



Achromatomaly
352661

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D12B4 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 #3D12B4 looks like.

```
.text, #text, p{  
    color:#3D12B4  
}
```

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 #3D12B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D12B4
}
```

Border

The CSS property to change the border of an element to Hex 3D12B4 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
#3D12B4 }
```

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

```
.border{ border-color:#3D12B4 }
```

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

Here you see how a box with a 4 pixel #3D12B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D12B4; -webkit-box-shadow:4px 4px  
4px 4px #3D12B4; box-shadow:4px 4px 4px  
4px #3D12B4 }
```

Background

The CSS property to change the background color of an element to Hex 3D12B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D12B4 }
```

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

```
.background{ background-color:#3D12B4 }
```

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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