

Converting Colors

Hex(6321E3)

Have a look what the booklet for
Hex(6321E3) contains.

Hex(6321E3)	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(6321E3)

Conversions

Conversions Part 1

Format	Color
Hex	6321E3
RGB	99, 33, 227
RGB Percent	39%, 13%, 89%
CMY	0.6118, 0.8706, 0.1098
CMYK	0.56, 0.85, 0.00, 0.11
HSL	260°, 78%, 51%
HSV	260°, 85%, 89%
XYZ	19.5546, 9.2864, 73.4349
YIQ	74.8500, -22.9380, 74.3260

Conversions

Conversions Part 2

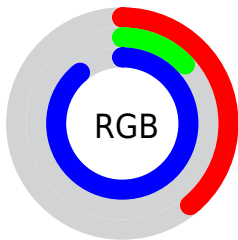
Format	Color
R_{YB}	99, 33, 227
Decimal	6496739
CIE _{Lab}	36.53, 68.75, -84.82
CIE _{LCh}	37, 109.185, 309.024
Yxy	9.2864, 0.1912, 0.0908
Android (android.graphics.Color)	4284686819 (0xFF6321E3)
YUV	74.8500, 75.0100, 21.1796
Hunter-Lab	30.4736, 61.2126, -121.5446

Details

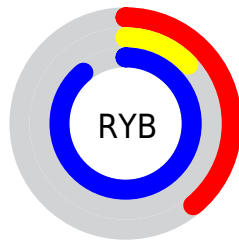
The Hex color **6321E3** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **A1E321**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **A25AFF**, and **0400AA** is the 20% darker color. If you saturate the color by 10%, you get **540AE3**, and if you desaturate by 10%, it is **7238E3**.

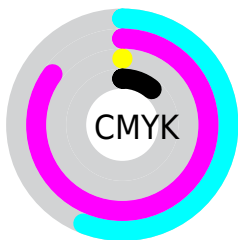
Distribution



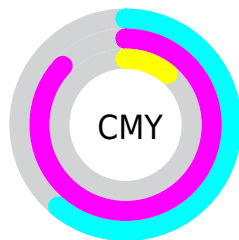
- Red (39%)
- Green (13%)
- Blue (89%)



- Red (39%)
- Yellow (13%)
- Blue (89%)



- Cyan (56%)
- Magenta (85%)
- Yellow (0%)
- Black (11%)



- Cyan (61%)
- Magenta (87%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6321E3 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 6321E3 by changing the saturation by 10% instead.

 6321E3

 6321E3

FFFFFF

 3F00C6

 A25AFF

 0400AA

 C175FF

 00008E

 E091FF

 000074

 FFACFF

 00055A

 FFC9FF

 000741

 FFE6FF

 00032A

 000115

 000000

■ 6321E3

■ 6321E3

■ 540AE3

■ 7238E3

■ 4D00E3

■ 814EE3

■ 9065E3

■ 9F7CE3

■ AE93E3

■ BDA9E3

■ CCC0E3

■ DBD7E3

■ EAEDE3

Harmonies

Analogous

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



005EFF



6321E3



C90097

Triad

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



6321E3



993600



007270

Complementary

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



6321E3



A1E321

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.



007005



6321E3



515C00

Square

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



6321E3



CB0000



006A00



0074C6

Rectangle

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



6321E3



DF005D



006A00



007151

Sweetspot

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



6321E3



D3BDFE



21A2E3



655880



000000



808080

Same Dimension

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



6321E3



5700FF



C321E3



6B6773



3D00B3



110033

Inverse Universe

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



E321A1



FF00A8



41E321



73676F



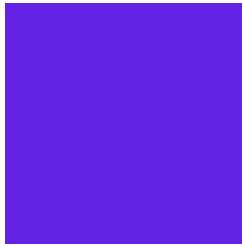
B30076



330022

Previews

White Background



This preview shows how the Hex color 6321E3 looks on a white background.

Color Contrast Check

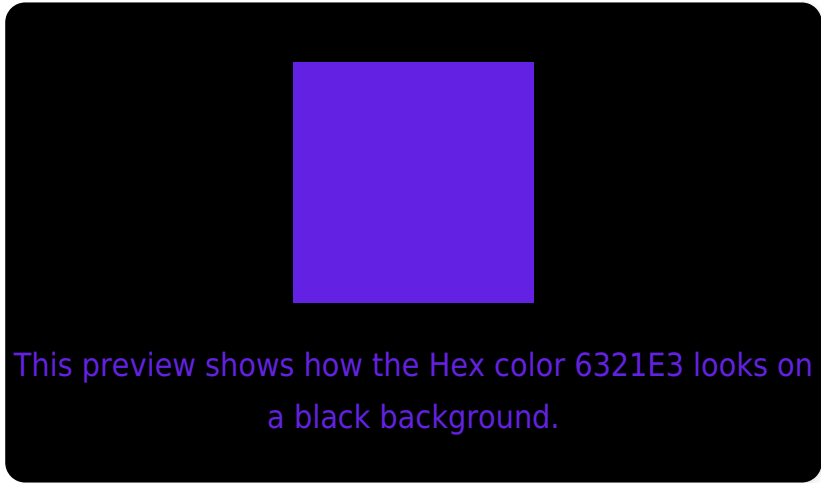
Large Text (above 18pt) WCAG AA ✓ Pass

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

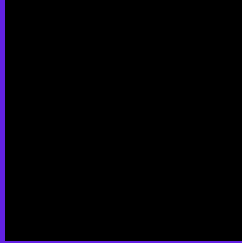
Any Text WCAG AA × Fail

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 6321E3 Background



This preview shows how black text looks on a background with the Hex color 6321E3.



This preview shows how white text looks on a background with the Hex color 6321E3.

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
6321E3

Protanopia
0053AE

Deuteranopia
005995



Tritanopia
335C64

Trichromacy



Original Color
6321E3



Protanomaly
2441C1



Deuteranomaly
2445B1



Tritanomaly
444792

Monochromacy



Original Color
6321E3



Achromatopsia
4B4B4B



Achromatomaly
543C82

CSS Examples

Text

The CSS property to change the color of the text to Hex 6321E3 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 #6321E3 looks like.

```
.text, #text, p{  
    color:#6321E3  
}
```

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 #6321E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6321E3
}
```

Border

The CSS property to change the border of an element to Hex 6321E3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

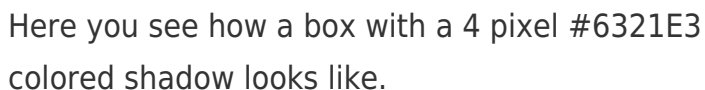
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6321E3 }
```

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

```
.border{ border-color:#6321E3 }
```

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



Here you see how a box with a 4 pixel #6321E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6321E3; -webkit-box-shadow:4px 4px  
4px 4px #6321E3; box-shadow:4px 4px 4px  
4px #6321E3 }
```

Background

The CSS property to change the background color of an element to Hex 6321E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6321E3 }
```

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

```
.background{ background-color:#6321E3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor