

Converting Colors

Hex(6029DE)

Have a look what the booklet for
Hex(6029DE) contains.

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Color

Hex(6029DE)

Conversions

Conversions Part 1

Format	Color
Hex	6029DE
RGB	96, 41, 222
RGB Percent	38%, 16%, 87%
CMY	0.6235, 0.8392, 0.1294
CMYK	0.57, 0.82, 0.00, 0.13
HSL	258°, 73%, 52%
HSV	258°, 82%, 87%
XYZ	18.8016, 9.3466, 69.9204
YIQ	78.0790, -25.3210, 67.9510

Conversions

Conversions Part 2

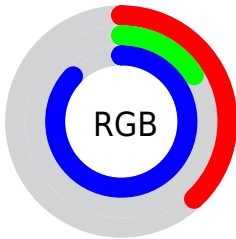
Format	Color
R_{YB}	96, 41, 222
Decimal	6302174
CIE _{Lab}	36.64, 64.42, -81.78
CIE _{LCh}	37, 104.110, 308.228
Yxy	9.3466, 0.1917, 0.0953
Android (android.graphics.Color)	4284492254 (0xFF6029DE)
YUV	78.0790, 70.9531, 15.7167
Hunter-Lab	30.5722, 56.2745, -114.1990

Details

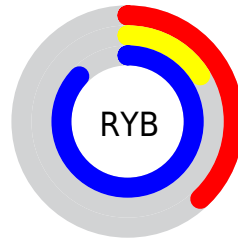
The Hex color **6029DE** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **A7DE29**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **9F5FFF**, and **0000A5** is the 20% darker color. If you saturate the color by 10%, you get **5113DE**, and if you desaturate by 10%, it is **6F3FDE**.

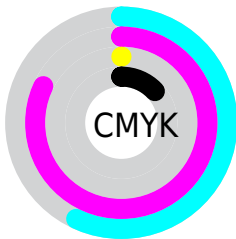
Distribution



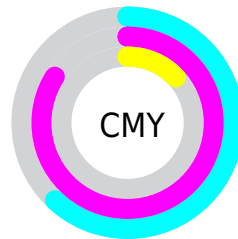
- Red (38%)
- Green (16%)
- Blue (87%)



- Red (38%)
- Yellow (16%)
- Blue (87%)



- Cyan (57%)
- Magenta (82%)
- Yellow (0%)
- Black (13%)



- Cyan (62%)
- Magenta (84%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6029DE 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 6029DE by changing the saturation by 10% instead.

 6029DE

 6029DE

FFFFFF

 3D05C1

 9F5FFF

 0000A5

 BE7AFF

 00008A

 DC95FF

 000070

 FBB1FF

 000756

 FFCDFD

 00063E

 FFEAFF

 000327

 000110

 000000

■ 6029DE

■ 6029DE

■ 5113DE

■ 6F3FDE

■ 4300DE

■ 7F55DE

■ 8E6CDE

■ 9E82DE

■ AD98DE

■ BDAEDE

■ CCC4DE

■ DCDBDE

■ EBF1DE

Harmonies

Analogous

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



005EFF



6029DE



C30096

Triad

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



6029DE



993600



00726D

Complementary

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



6029DE



A7DE29

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.



006F07



6029DE



555B00

Square

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



6029DE



C90000



006A00



0074BF

Rectangle

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



6029DE



D90060



006A00



00714F

Sweetspot

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



6029DE



D4C2FF



29A8DE



665B80



000000



808080

Same Dimension

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



6029DE



5105FF



BA29DE



686570



3500B0



0F0030

Inverse Universe

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



DE29A7



FF05B3



4DDE29



70656D



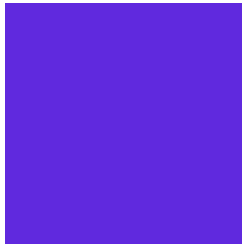
B0007A



300022

Previews

White Background



This preview shows how the Hex color 6029DE 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

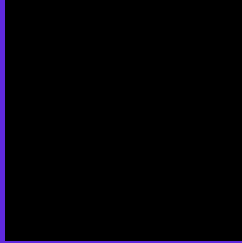
Any Text WCAG AA × Fail

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 6029DE Background



This preview shows how black text looks on a background with the Hex color 6029DE.

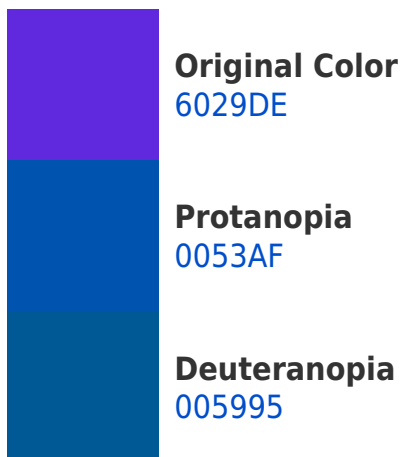


This preview shows how white text looks on a background with the Hex color 6029DE.

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
315D64

Trichromacy



Original Color
6029DE



Protanomaly
2344C0



Deuteranomaly
2348B0



Tritanomaly
424A90

Monochromacy



Original Color
6029DE



Achromatopsia
4E4E4E



Achromatomaly
554182

CSS Examples

Text

The CSS property to change the color of the text to Hex 6029DE 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 #6029DE looks like.

```
.text, #text, p{  
    color:#6029DE  
}
```

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 #6029DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6029DE
}
```

Border

The CSS property to change the border of an element to Hex 6029DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

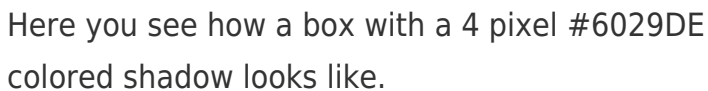
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6029DE }
```

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

```
.border{ border-color:#6029DE }
```

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



Here you see how a box with a 4 pixel #6029DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6029DE; -webkit-box-shadow:4px 4px  
4px 4px #6029DE; box-shadow:4px 4px 4px  
4px #6029DE }
```

Background

The CSS property to change the background color of an element to Hex 6029DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6029DE }
```

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

```
.background{ background-color:#6029DE }
```

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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