

Converting Colors

Hex(7314FF)

Have a look what the booklet for
Hex(7314FF) contains.

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Color

Hex(7314FF)

Conversions

Conversions Part 1

Format	Color
Hex	7314FF
RGB	115, 20, 255
RGB Percent	45%, 8%, 100%
CMY	0.5490, 0.9216, 0.0000
CMYK	0.55, 0.92, 0.00, 0.00
HSL	264°, 100%, 54%
HSV	264°, 92%, 100%
XYZ	25.3704, 11.3651, 95.4643
YIQ	75.1950, -18.8150, 93.2250

Conversions

Conversions Part 2

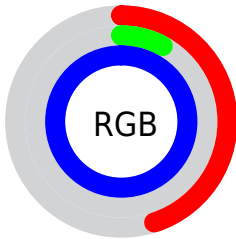
Format	Color
R _Y B	115, 20, 255
Decimal	7542015
CIE Lab	40.19, 79.74, -94.54
CIE LCh	40, 123.682, 310.145
Yxy	11.3651, 0.1919, 0.0860
Android (android.graphics.Color)	4285732095 (0xFF7314FF)
YUV	75.1950, 88.6439, 34.9090
Hunter-Lab	33.7122, 75.3350, -144.2953

Details

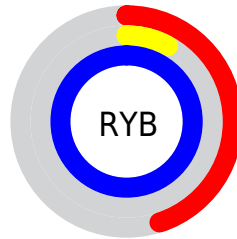
The Hex color **7314FF** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **A0FF14**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **B457FF**, and **1F00C5** is the 20% darker color. If you saturate the color by 10%, you get **6700FF**, and if you desaturate by 10%, it is **822EFF**.

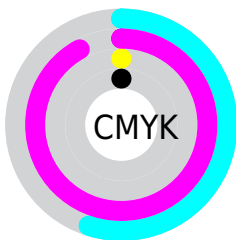
Distribution



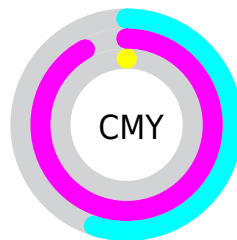
- Red (45%)
- Green (8%)
- Blue (100%)



- Red (45%)
- Yellow (8%)
- Blue (100%)



- Cyan (55%)
- Magenta (92%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (92%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7314FF 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 7314FF by changing the saturation by 10% instead.

 7314FF

 7314FF

FFFFFF

 4F00E1

 B457FF

 1F00C5

 D474FF

 0000A8

 F490FF

 00008D

 FFADFF

 000072

 FFCAFF

 000C58

 FFE7FF

 000740

 000329

 000113

 7314FF

 7314FF

 6700FF

 822EFF

 9147FF

 A161FF

 B07AFF

 BF93FF

 CEADFF

 DDC7FF

 EDE0FF

 FCFAFF

Harmonies

Analogous

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



0067FF



7314FF



E400A6

Triad

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



7314FF



A83B00



007E81

Complementary

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



7314FF



A0FF14

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.



007B05



7314FF



546700

Square

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



7314FF



E30000



007600



0081E3

Rectangle

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



7314FF



FC0064



007600



007D5D

Sweetspot

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



7314FF



D4B8FF



14A1FF



665480



000000



808080

Same Dimension

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



7314FF



6700FF



E814FF



787380



4D00BF



1A0040

Inverse Universe

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



FF14A0



FF0098



2CFF14



80737A



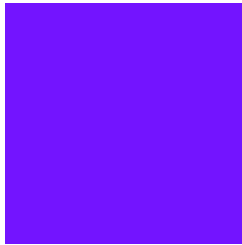
BF0072



400026

Previews

White Background



This preview shows how the Hex color 7314FF 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 7314FF Background



This preview shows how black text looks on a background with the Hex color 7314FF.



This preview shows how white text looks on a background with the Hex color 7314FF.

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
7314FF

Protanopia
005CC0

Deuteranopia
0062A4



Tritanopia
41646C

Trichromacy



Original Color

7314FF



Protanomaly

2A42D7



Deuteranomaly

2A46C5



Tritanomaly

5347A1

Monochromacy



Original Color

7314FF



Achromatopsia

4B4B4B



Achromatomaly

5A378C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7314FF 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 #7314FF looks like.

```
.text, #text, p{  
    color:#7314FF  
}
```

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 #7314FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7314FF
}
```

Border

The CSS property to change the border of an element to Hex 7314FF 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".

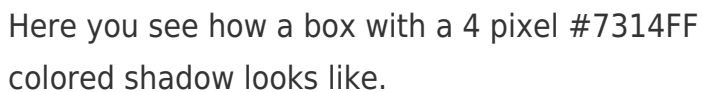
```
.border, #border, table{ border:4px solid
#7314FF }
```

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

```
.border{ border-color:#7314FF }
```

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

Here you see how a box with a 4 pixel #7314FF colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7314FF; -webkit-box-shadow:4px 4px  
4px 4px #7314FF; box-shadow:4px 4px 4px  
4px #7314FF }
```

Background

The CSS property to change the background color of an element to Hex 7314FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7314FF }
```

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

```
.background{ background-color:#7314FF }
```

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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