

Converting Colors

Hex(6242FF)

Have a look what the booklet for
Hex(6242FF) contains.

Hex(6242FF)	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(6242FF)

Conversions

Conversions Part 1	
Format	Color
Hex	6242FF
RGB	98, 66, 255
RGB Percent	38%, 26%, 100%
CMY	0.6157, 0.7412, 0.0000
CMYK	0.62, 0.74, 0.00, 0.00
HSL	250°, 100%, 63%
HSV	250°, 74%, 100%
XYZ	25.0352, 13.7131, 95.9351
YIQ	97.1140, -41.5970, 65.5630

Conversions

Conversions Part 2

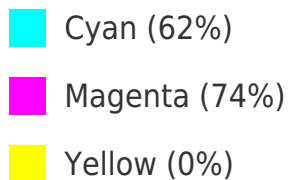
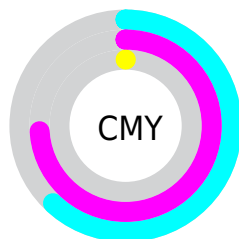
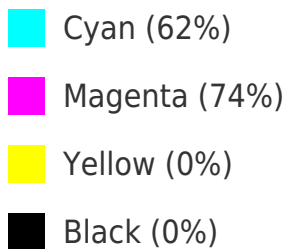
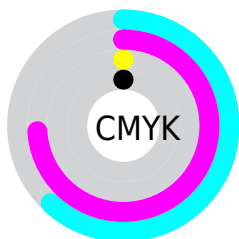
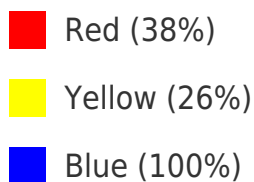
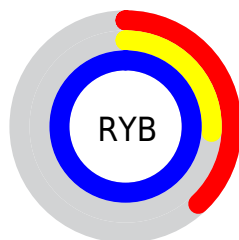
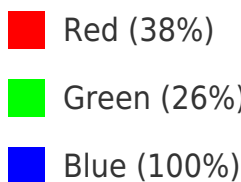
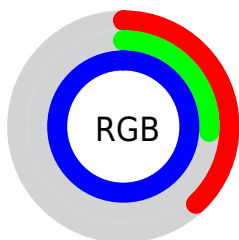
Format	Color
RYB	98, 66, 255
Decimal	6439679
CIELab	43.82, 62.67, -88.60
CIELCh	44, 108.524, 305.273
Yxy	13.7131, 0.1859, 0.1018
Android (android.graphics.Color)	4284629759 (0xFF6242FF)
YUV	97.1140, 77.8378, 0.7770
Hunter-Lab	37.0312, 55.8716, -127.6782

Details

The Hex color **6242FF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **DFFF42**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **A476FF**, and **000AC5** is the 20% darker color. If you saturate the color by 10%, you get **4D28FF**, and if you desaturate by 10%, it is **775BFF**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 6242FF 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 6242FF by changing the saturation by 10% instead.

 6242FF

FFFFFF

 A476FF

 C491FF

 E3ACFF

 FFC8FF

 FFE5FF

 6242FF

 3B28E2

 000AC5

 0000A9

 00008D

 000072

 000D59

 000740

 000329

 000113

 6242FF

 6242FF

 4D28FF

 775BFF

 380FFF

 8C75FF

 2B00FF

 A28FFF

 B7A8FF

 CCC2FF

 E1DBFF

 F6F4FF

FFFFFF

Harmonies

Analogous

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



0072FF



6242FF



D700B5

Triad

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



6242FF



B74000



008776

Complementary

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



6242FF



DFFF42

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.



008305



6242FF



716A00

Square

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



6242FF



E80000



007C00



0088D0

Rectangle

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



6242FF



F4007A



007C00



008656

Sweetspot

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



6242FF



D0C7FF



42DFFF



645E80



000000



808080

Same Dimension

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



6242FF



421CFF



C042FF



757380



2000BF



0B0040

Inverse Universe

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



FF42DF



FF1CD9



81FF42



80737D



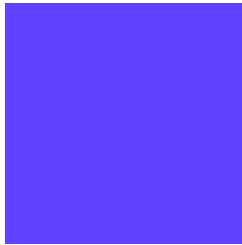
BF009F



400035

Previews

White Background



This preview shows how the Hex color 6242FF looks on a white background.

Color Contrast Check

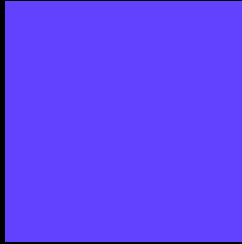
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6242FF looks on a 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 6242FF Background



This preview shows how black text looks on a background with the Hex color 6242FF.



This preview shows how white text looks on a background with the Hex color 6242FF.

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
6242FF





Protanopia
0063D1

Deuteranopia
006AB3






Tritanopia
18727B

Trichromacy

	Original Color 6242FF
	Protanomaly 2457E2
	Deuteranomaly 245BCF
	Tritanomaly 3361AB

Monochromacy

	Original Color 6242FF
	Achromatopsia 616161
	Achromatomaly 61569A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6242FF 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 #6242FF looks like.

```
.text, #text, p{  
    color:#6242FF  
}
```

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 #6242FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6242FF
}
```

Border

The CSS property to change the border of an element to Hex 6242FF 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
#6242FF }
```

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

```
.border{ border-color:#6242FF }
```

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

Here you see how a box with a 4 pixel #6242FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6242FF; -webkit-box-shadow:4px 4px  
4px 4px #6242FF; box-shadow:4px 4px 4px  
4px #6242FF }
```

Background

The CSS property to change the background color of an element to Hex 6242FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6242FF }
```

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

```
.background{ background-color:#6242FF }
```

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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