

Converting Colors

Hex(6228EB)

Have a look what the booklet for
Hex(6228EB) contains.

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Color

Hex(6228EB)

Conversions

Conversions Part 1

Format	Color
Hex	6228EB
RGB	98, 40, 235
RGB Percent	38%, 16%, 92%
CMY	0.6157, 0.8431, 0.0784
CMYK	0.58, 0.83, 0.00, 0.08
HSL	258°, 83%, 54%
HSV	258°, 83%, 92%
XYZ	20.7912, 10.1124, 79.4533
YIQ	79.5720, -28.0270, 72.9410

Conversions

Conversions Part 2

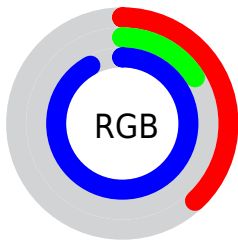
Format	Color
R _Y B	98, 40, 235
Decimal	6433003
CIE Lab	38.04, 68.32, -86.88
CIE LCh	38, 110.525, 308.181
Yxy	10.1124, 0.1884, 0.0916
Android (android.graphics.Color)	4284623083 (0xFF6228EB)
YUV	79.5720, 76.6260, 16.1614
Hunter-Lab	31.8000, 61.0552, -125.8779

Details

The Hex color **6228EB** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **B1EB28**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **A25FFF**, and **0000B2** is the 20% darker color. If you saturate the color by 10%, you get **5111EB**, and if you desaturate by 10%, it is **733FEB**.

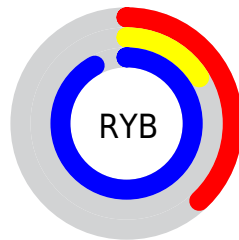
Distribution



Red (38%)

Green (16%)

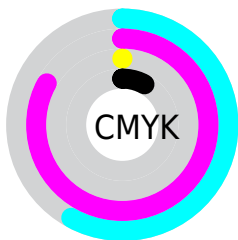
Blue (92%)



Red (38%)

Yellow (16%)

Blue (92%)

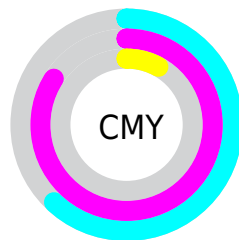


Cyan (58%)

Magenta (83%)

Yellow (0%)

Black (8%)



Cyan (62%)

Magenta (84%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6228EB 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 6228EB by changing the saturation by 10% instead.

 6228EB

 6228EB

FFFFFF

 3D01CE

 A25FFF

 0000B2

 C27AFF

 000096

 E196FF

 00007B

 FF82FF

 000261

 FFCEFF

 000848

 FFE8FF

 000430

 00011B

 000000

■ 6228EB

■ 6228EB

■ 5111EB

■ 733FEB

■ 4600EB

■ 8357EB

■ 946EEB

■ A486EB

■ B59EEB

■ C5B5EB

■ D6CCEB

■ E6E4EB

■ F7FBEB

Harmonies

Analogous

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



0062FF



6228EB



CD009E

Triad

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



6228EB



A03700



007771

Complementary

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



6228EB



B1EB28

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.



007402



6228EB



585F00

Square

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



6228EB



D30000



006E00



0079C9

Rectangle

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



6228EB



E50064



006E00



007652

Sweetspot

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



6228EB



D2BFFF



28B4EB



655980



000000



808080

Same Dimension

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



6228EB



4C00FF



C128EB



6D6A75



3600B5



100036

Inverse Universe

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



EB28B1



FF00B3



52EB28



756A72



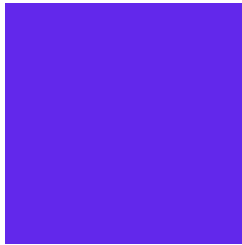
B5007F



360026

Previews

White Background



This preview shows how the Hex color 6228EB 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

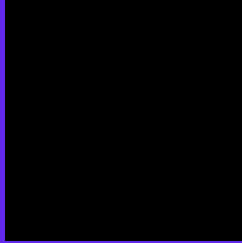
Any Text WCAG AA × Fail

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 6228EB Background



This preview shows how black text looks on a background with the Hex color 6228EB.

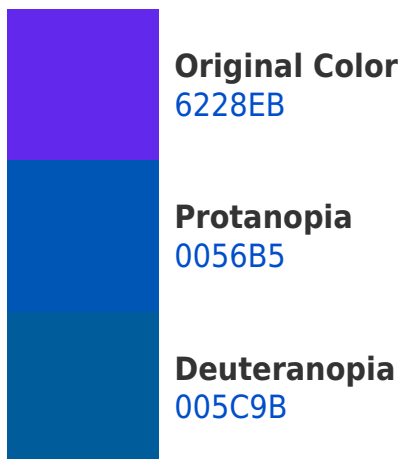


This preview shows how white text looks on a background with the Hex color 6228EB.

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
2B6169

Trichromacy



Original Color
6228EB



Protanomaly
2445C9



Deuteranomaly
2449B8



Tritanomaly
3F4C98

Monochromacy



Original Color
6228EB



Achromatopsia
505050



Achromatomaly
574188

CSS Examples

Text

The CSS property to change the color of the text to Hex 6228EB 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 #6228EB looks like.

```
.text, #text, p{  
    color:#6228EB  
}
```

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 #6228EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6228EB
}
```

Border

The CSS property to change the border of an element to Hex 6228EB is called "border". The border property can be set on classes, ids or directly on the HTML element.

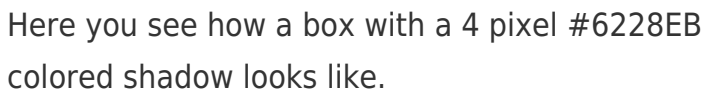
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6228EB }
```

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

```
.border{ border-color:#6228EB }
```

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



Here you see how a box with a 4 pixel #6228EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6228EB; -webkit-box-shadow:4px 4px  
4px 4px #6228EB; box-shadow:4px 4px 4px  
4px #6228EB }
```

Background

The CSS property to change the background color of an element to Hex 6228EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6228EB }
```

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

```
.background{ background-color:#6228EB }
```

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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