

Converting Colors

Hex(624DE5)

Have a look what the booklet for
Hex(624DE5) contains.

Hex(624DE5)	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(624DE5)

Conversions

Conversions Part 1

Format	Color
Hex	624DE5
RGB	98, 77, 229
RGB Percent	38%, 30%, 90%
CMY	0.6157, 0.6980, 0.1020
CMYK	0.57, 0.66, 0.00, 0.10
HSL	248°, 75%, 60%
HSV	248°, 66%, 90%
XYZ	21.8337, 13.5616, 75.5956
YIQ	100.6070, -36.2760, 51.7240

Conversions

Conversions Part 2

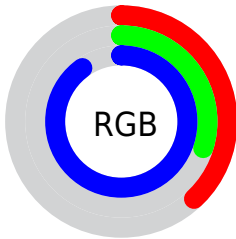
Format	Color
RYB	98, 77, 229
Decimal	6442469
CIELab	43.60, 49.33, -74.34
CIELCh	44, 89.222, 303.569
Yxy	13.5616, 0.1967, 0.1222
Android (android.graphics.Color)	4284632549 (0xFF624DE5)
YUV	100.6070, 63.2977, -2.2863
Hunter-Lab	36.8260, 41.3851, -95.9309

Details

The Hex color **624DE5** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **D0E54D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **A080FF**, and **0E1DAC** is the 20% darker color. If you saturate the color by 10%, you get **4E36E5**, and if you desaturate by 10%, it is **7664E5**.

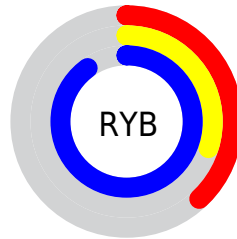
Distribution



Red (38%)

Green (30%)

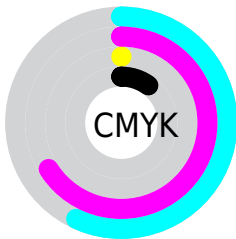
Blue (90%)



Red (38%)

Yellow (30%)

Blue (90%)

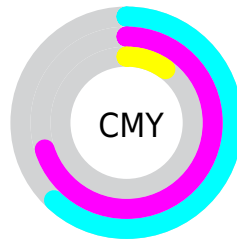


Cyan (57%)

Magenta (66%)

Yellow (0%)

Black (10%)



Cyan (62%)

Magenta (70%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 624DE5 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 624DE5 by changing the saturation by 10% instead.

 624DE5

 624DE5

FFFFFF

 4035C8

 A080FF

 0E1DAC

 BE9AFF

 000591

 DCB5FF

 000076

 FBD1FF

 00005D

 FFEEFF

 000744

 00032D

 000117

 000000

■ 624DE5

■ 624DE5

■ 4E36E5

■ 7664E5

■ 3B1FE5

■ 897BE5

■ 2708E5

■ 9D92E5

■ 2000E5

■ B1A9E5

■ C5BFE5

■ D8D6E5

■ ECEDE5

■ FFFFE5

Harmonies

Analogous

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



0070FE



624DE5



C200AA

Triad

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



624DE5



B04700



00836E

Complementary

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



624DE5



D0E54D

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.



00801B



624DE5



766800

Square

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



624DE5



D70019



1C7800



0084B8

Rectangle

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



624DE5



DB007A



1C7800



008254

Sweetspot

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



624DE5



D3CCFF



4DD1E5



656180



000000



808080

Same Dimension

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



624DE5



4F33FF



AD4DE5



696773



1900B3



070033

Inverse Universe

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



E54DD0



FF33E3



85E54D



736771



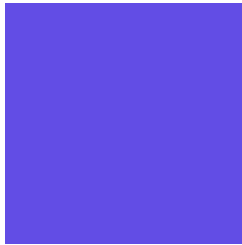
B3009A



33002C

Previews

White Background



This preview shows how the Hex color 624DE5 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

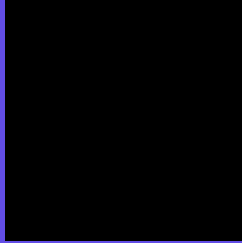
Any Text WCAG AA × Fail

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 624DE5 Background



This preview shows how black text looks on a background with the Hex color 624DE5.



This preview shows how white text looks on a background with the Hex color 624DE5.

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
624DE5

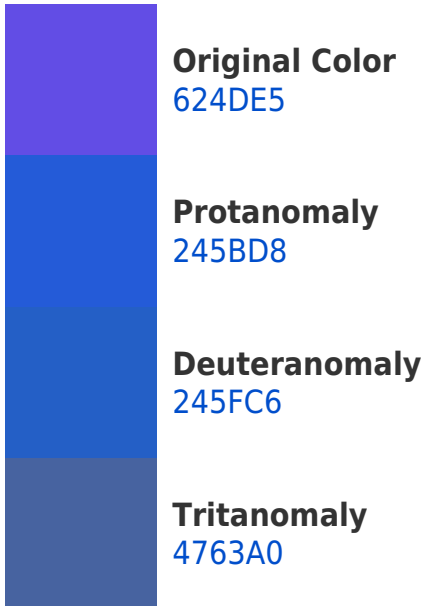
Protanopia
0063D1

Deuteranopia
0069B4



Tritanopia
376F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 624DE5 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 #624DE5 looks like.

```
.text, #text, p{  
    color:#624DE5  
}
```

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 #624DE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #624DE5
}
```

Border

The CSS property to change the border of an element to Hex 624DE5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

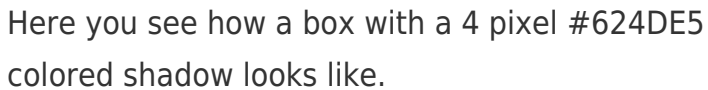
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#624DE5 }
```

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

```
.border{ border-color:#624DE5 }
```

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



Here you see how a box with a 4 pixel #624DE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #624DE5; -webkit-box-shadow:4px 4px  
4px 4px #624DE5; box-shadow:4px 4px 4px  
4px #624DE5 }
```

Background

The CSS property to change the background color of an element to Hex 624DE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#624DE5 }
```

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

```
.background{ background-color:#624DE5 }
```

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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