

Converting Colors

Hex(5224DE)

Have a look what the booklet for
Hex(5224DE) contains.

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Color

Hex(5224DE)

Conversions

Conversions Part 1

Format	Color
Hex	5224DE
RGB	82, 36, 222
RGB Percent	32%, 14%, 87%
CMY	0.6784, 0.8588, 0.1294
CMYK	0.63, 0.84, 0.00, 0.13
HSL	255°, 74%, 51%
HSV	255°, 84%, 87%
XYZ	17.2954, 8.3295, 69.8034
YIQ	70.9580, -32.2900, 67.5980

Conversions

Conversions Part 2

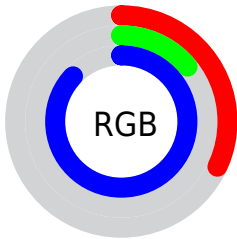
Format	Color
R_{YB}	82, 36, 222
Decimal	5383390
CIE _{Lab}	34.66, 64.97, -85.11
CIE _{LCh}	35, 107.074, 307.359
Yxy	8.3295, 0.1812, 0.0873
Android (android.graphics.Color)	4283573470 (0xFF5224DE)
YUV	70.9580, 74.4637, 9.6838
Hunter-Lab	28.8609, 56.4625, -123.1971

Details

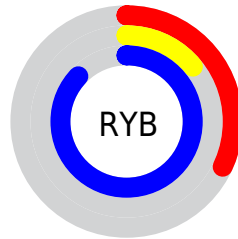
The Hex color **5224DE** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **B0DE24**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **945AFF**, and **0000A5** is the 20% darker color. If you saturate the color by 10%, you get **410EDE**, and if you desaturate by 10%, it is **633ADE**.

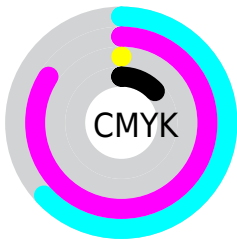
Distribution



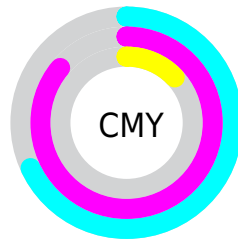
- Red (32%)
- Green (14%)
- Blue (87%)



- Red (32%)
- Yellow (14%)
- Blue (87%)



- Cyan (63%)
- Magenta (84%)
- Yellow (0%)
- Black (13%)



- Cyan (68%)
- Magenta (86%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5224DE 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 5224DE by changing the saturation by 10% instead.

 5224DE

 5224DE

FFFFFF

 2800C1

 945AFF

 0000A5

 B375FF

 00008A

 D290FF

 00006F

 F1ABFF

 000C56

 FFC8FF

 00063D

 FFE4FF

 000327

 000110

 000000

■ 5224DE

■ 5224DE

■ 410EDE

■ 633ADE

■ 3700DE

■ 7350DE

■ 8467DE

■ 957DDE

■ A693DE

■ B6A9DE

■ C7BFDE

■ D8D6DE

■ E8ECDE

Harmonies

Analogous

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



005BFF



5224DE



BE0095

Triad

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



5224DE



962E00



006D66

Complementary

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



5224DE



B0DE24

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.



006A00



5224DE



515600

Square

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



5224DE



C50000



006500



006FBA

Rectangle

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



5224DE



D5005D



006500



006C48

Sweetspot

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



5224DE



CFBFFF



24B3DE



635980



000000



808080

Same Dimension

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



5224DE



3F00FF



AC24DE



686570



2C00B0



0C0030

Inverse Universe

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



DE24B0



FF00C0



56DE24



70656D



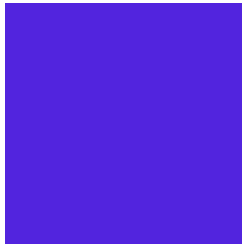
B00084



300024

Previews

White Background



This preview shows how the Hex color 5224DE 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

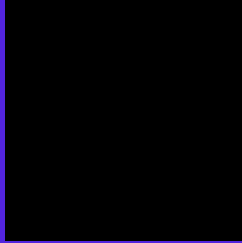
Any Text WCAG AA × Fail

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 5224DE Background



This preview shows how black text looks on a background with the Hex color 5224DE.

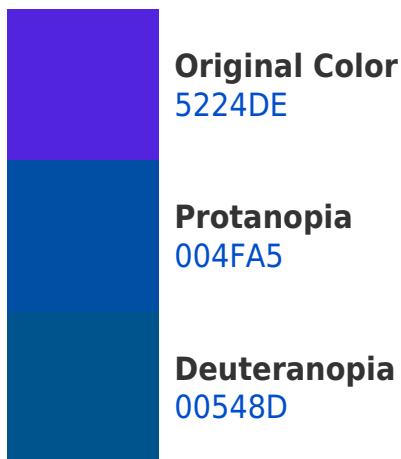



This preview shows how white text looks on a background with the Hex color 5224DE.

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
005A61

Trichromacy



Original Color
5224DE



Protanomaly
1E3FBA



Deuteranomaly
1E43AA



Tritanomaly
1E468E

Monochromacy



Original Color
5224DE



Achromatopsia
474747



Achromatomaly
4B3A7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5224DE 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 #5224DE looks like.

```
.text, #text, p{  
    color:#5224DE  
}
```

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 #5224DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5224DE
}
```

Border

The CSS property to change the border of an element to Hex 5224DE 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
#5224DE }
```

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

```
.border{ border-color:#5224DE }
```

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

Here you see how a box with a 4 pixel #5224DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5224DE; -webkit-box-shadow:4px 4px  
4px 4px #5224DE; box-shadow:4px 4px 4px  
4px #5224DE }
```

Background

The CSS property to change the background color of an element to Hex 5224DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5224DE }
```

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

```
.background{ background-color:#5224DE }
```

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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