

Converting Colors

Hex(D124E4)

Have a look what the booklet for
Hex(D124E4) contains.

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Color

Hex(D124E4)

Conversions

Conversions Part 1

Format	Color
Hex	D124E4
RGB	209, 36, 228
RGB Percent	82%, 14%, 89%
CMY	0.1804, 0.8588, 0.1059
CMYK	0.08, 0.84, 0.00, 0.11
HSL	294°, 78%, 52%
HSV	294°, 84%, 89%
XYZ	40.9290, 20.4185, 75.1828
YIQ	109.6150, 41.4760, 96.3880

Conversions

Conversions Part 2

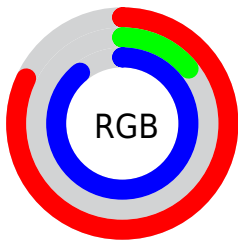
Format	Color
R _{YB}	209, 36, 228
Decimal	13706468
CIE _{Lab}	52.31, 83.15, -59.00
CIE _{LCh}	52, 101.953, 324.640
Y _{xy}	20.4185, 0.2998, 0.1496
Android (android.graphics.Color)	4291896548 (0xFFD124E4)
YUV	109.6150, 58.3638, 87.1606
Hunter-Lab	45.1868, 82.6033, -67.0171

Details

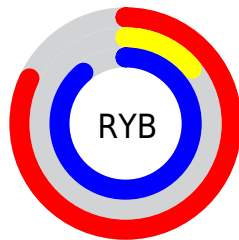
The Hex color **D124E4** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **37E424**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF6BFF**, and **9600AC** is the 20% darker color. If you saturate the color by 10%, you get **CF0DE4**, and if you desaturate by 10%, it is **D33BE4**.

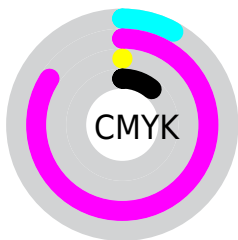
Distribution



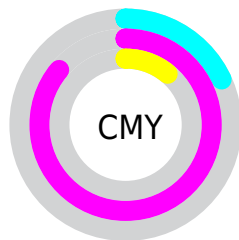
- Red (82%)
- Green (14%)
- Blue (89%)



- Red (82%)
- Yellow (14%)
- Blue (89%)



- Cyan (8%)
- Magenta (84%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (86%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color D124E4 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 D124E4 by changing the saturation by 10% instead.

 D124E4

 D124E4

FFFFFF

 B300C7

 FF6BFF

 9600AC

 FF89FF

 780090

 FFA7FF

 5B0076

 FFC5FF

 40005C

 FFE3FF

 200044

 00002C

 000117

 000000

 D124E4

 D124E4

 CF0DE4

 D33BE4

 CD00E4

 D652E4

 D868E4

 DA7FE4

 DC96E4

 DFADE4

 E1C4E4

 E3DAE4

 E5F1E4

Harmonies

Analogous

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



006DFF



D124E4



FF0091

Triad

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



D124E4



A57400



009FC4

Complementary

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



D124E4



37E424

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.



009D6A



D124E4



508D00

Square

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



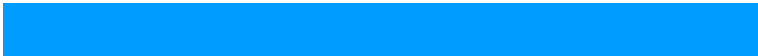
D124E4



E34400



009800



009CFF

Rectangle

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



D124E4



FF0057



009800



009FA7

Sweetspot

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



D124E4



F9BFFF



2437E4



7C5980



000000



808080

Same Dimension

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



D124E4



E600FF



E42497



726773



A100B3



2E0033

Inverse Universe

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



E42437



FF0019



24E471



736768



B30012



330005

Previews

White Background



This preview shows how the Hex color D124E4 looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D124E4 Background



This preview shows how black text looks on a background with the Hex color D124E4.

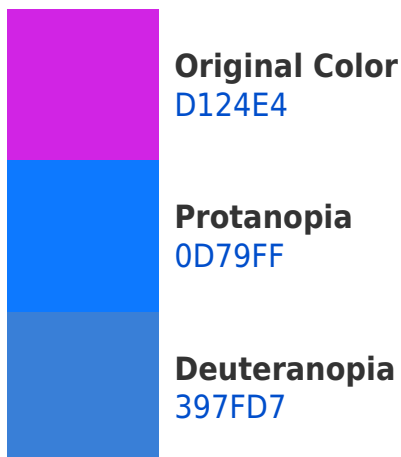



This preview shows how white text looks on a background with the Hex color D124E4.

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](#).

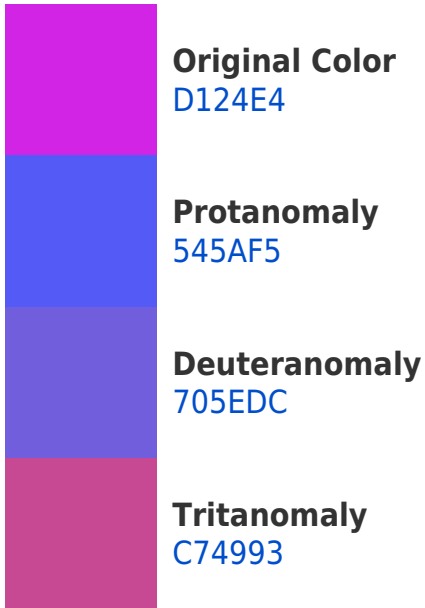
Dichromacy



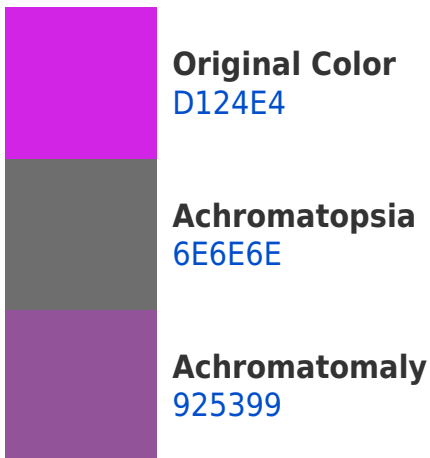


Tritanopia
C15E65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D124E4 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 #D124E4 looks like.

```
.text, #text, p{  
    color:#D124E4  
}
```

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 #D124E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D124E4
}
```

Border

The CSS property to change the border of an element to Hex D124E4 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
#D124E4 }
```

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

```
.border{ border-color:#D124E4 }
```

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

Here you see how a box with a 4 pixel #D124E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D124E4; -webkit-box-shadow:4px 4px  
4px 4px #D124E4; box-shadow:4px 4px 4px  
4px #D124E4 }
```

Background

The CSS property to change the background color of an element to Hex D124E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D124E4 }
```

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

```
.background{ background-color:#D124E4 }
```

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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