

Converting Colors

Hex(D62EC0)

Have a look what the booklet for
Hex(D62EC0) contains.

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Color

Hex(D62EC0)

Conversions

Conversions Part 1

Format	Color
Hex	D62EC0
RGB	214, 46, 192
RGB Percent	84%, 18%, 75%
CMY	0.1608, 0.8196, 0.2471
CMYK	0.00, 0.79, 0.10, 0.16
HSL	308°, 67%, 51%
HSV	308°, 79%, 84%
XYZ	38.2230, 20.0559, 51.7258
YIQ	112.8760, 53.2620, 81.0220

Conversions

Conversions Part 2

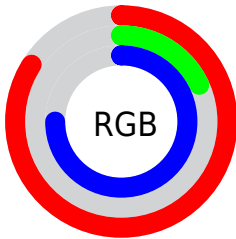
Format	Color
R_{YB}	214, 46, 192
Decimal	14036672
CIE _{Lab}	51.90, 76.39, -38.99
CIE _{LCh}	52, 85.761, 332.962
Yxy	20.0559, 0.3475, 0.1823
Android (android.graphics.Color)	4292226752 (0xFFD62EC0)
YUV	112.8760, 39.0081, 88.6857
Hunter-Lab	44.7838, 73.9780, -37.1319

Details

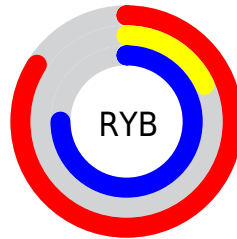
The Hex color **D62EC0** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **2ED644**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF6FF9**, and **9B008A** is the 20% darker color. If you saturate the color by 10%, you get **D619BD**, and if you desaturate by 10%, it is **D643C3**.

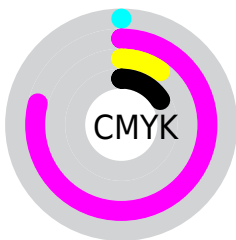
Distribution



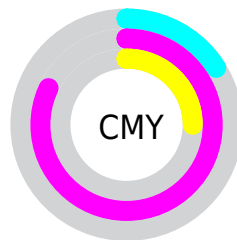
- Red (84%)
- Green (18%)
- Blue (75%)



- Red (84%)
- Yellow (18%)
- Blue (75%)



- Cyan (0%)
- Magenta (79%)
- Yellow (10%)
- Black (16%)



- Cyan (16%)
- Magenta (82%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color D62EC0 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 D62EC0 by changing the saturation by 10% instead.

 D62EC0

 D62EC0

FFFFFF

 B800A5

 FF6FF9

 9B008A

 FF8DFF

 7E0070

 FFAAFF

 620057

 FFC8FF

 47003F

 FFE6FF

 2A0028

 000111

 000000

 D62EC0

 D62EC0

 D619BD

 D643C3

 D603BA

 D659C6

 D600BA

 D66EC8

 D684CB

 D699CE

 D6AED1

 D6C4D4

 D6D9D6

 D6EFD9

Harmonies

Analogous

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



7A64F9



D62EC0



F70078

Triad

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



D62EC0



907C00



009ACB

Complementary

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



D62EC0



2ED644

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.



009A81



D62EC0



418D00

Square

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



D62EC0



C95C00



009632



0094FF

Rectangle

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



D62EC0



F50448



009632



009AB4

Sweetspot

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



D62EC0



FFC2F7



422ED6



805B7B



000000



808080

Same Dimension

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



D62EC0



FF0FE0



D62E6E



6B606A



AB0094



2B0026

Inverse Universe

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



D62EC0



FF0FE0



2ED696



6B606A



AB0094



2B0026

Previews

White Background



This preview shows how the Hex color D62EC0 looks on a white background.

Color Contrast Check

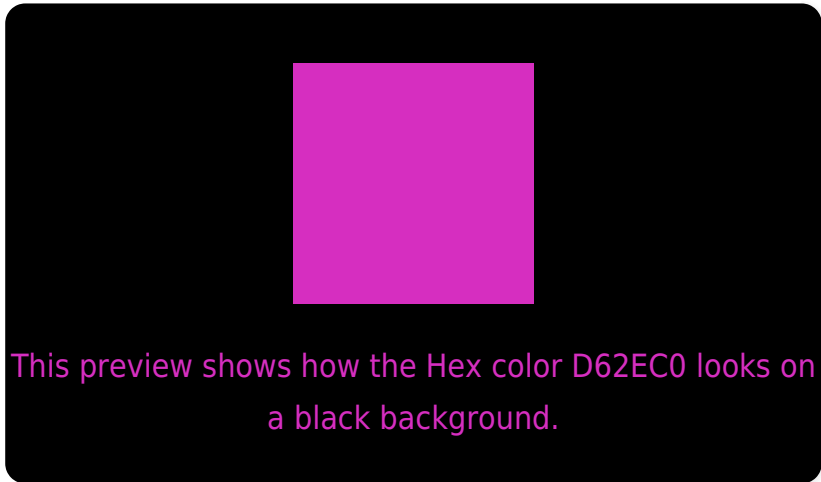
Large Text (above 18pt) WCAG AA ✓ Pass

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

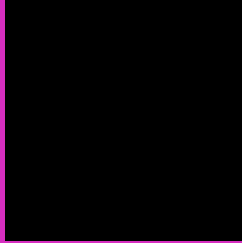
Any Text WCAG AA ✓ Pass

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 D62EC0 Background



This preview shows how black text looks on a background with the Hex color D62EC0.

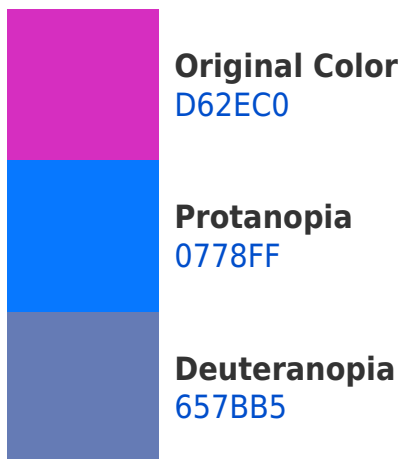


This preview shows how white text looks on a background with the Hex color D62EC0.

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](#).

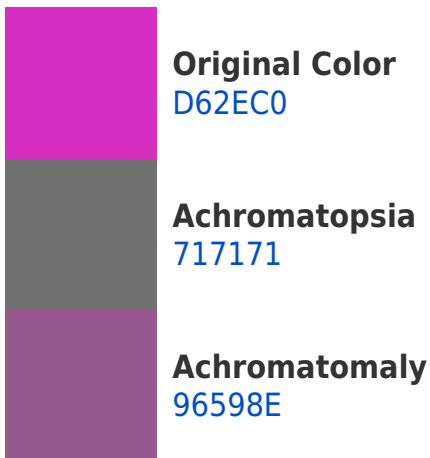
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D62EC0 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 #D62EC0 looks like.

```
.text, #text, p{  
    color:#D62EC0  
}
```

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 #D62EC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D62EC0  
}
```

Border

The CSS property to change the border of an element to Hex D62EC0 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  
#D62EC0 }
```

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

```
.border{ border-color:#D62EC0 }
```

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

Here you see how a box with a 4 pixel #D62EC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D62EC0; -webkit-box-shadow:4px 4px  
4px 4px #D62EC0; box-shadow:4px 4px 4px  
4px #D62EC0 }
```

Background

The CSS property to change the background color of an element to Hex D62EC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D62EC0 }
```

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

```
.background{ background-color:#D62EC0 }
```

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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