

Converting Colors

Hex(946DC4)

Have a look what the booklet for
Hex(946DC4) contains.

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Color

Hex(946DC4)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 946DC4 |
| RGB | 148, 109, 196 |
| RGB Percent | 58%, 43%, 77% |
| CMY | 0.4196, 0.5725, 0.2314 |
| CMYK | 0.24, 0.44, 0.00, 0.23 |
| HSL | 267°, 42%, 60% |
| HSV | 267°, 44%, 77% |
| XYZ | 27.6452, 21.2187, 54.8631 |
| YIQ | 130.5790, -4.6830, 35.3250 |

Conversions

Conversions Part 2

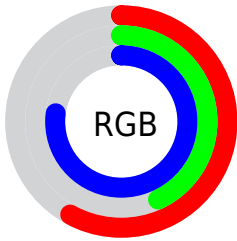
| Format | Color |
|-------------------------------------|--|
| RYB | 148, 109, 196 |
| Decimal | 9727428 |
| CIELab | 53.19, 33.06, -39.86 |
| CIELCh | 53, 51.783, 309.671 |
| Yxy | 21.2187, 0.2665, 0.2046 |
| Android (android.graphics.Color) | 4287917508 (0xFF946DC4) |
| YUV | 130.5790, 32.2526, 15.2782 |
| Hunter-Lab | 46.0638, 26.5153, -38.3713 |

Details

The Hex color **946DC4** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9DC46D**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **CCA1FD**, and **5F3C8E** is the 20% darker color. If you saturate the color by 10%, you get **8959C4**, and if you desaturate by 10%, it is **9F81C4**.

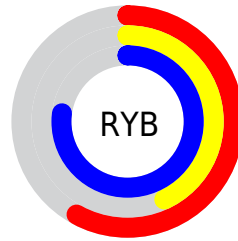
Distribution



Red (58%)

Green (43%)

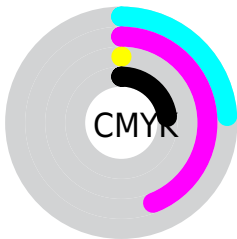
Blue (77%)



Red (58%)

Yellow (43%)

Blue (77%)

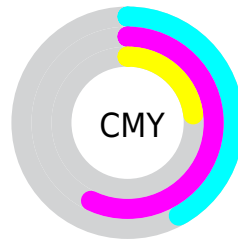


Cyan (24%)

Magenta (44%)

Yellow (0%)

Black (23%)



Cyan (42%)

Magenta (57%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 946DC4 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 946DC4 by changing the saturation by 10% instead.

946DC4

946DC4

FFFFFF

7954A8

CCA1FD

5F3C8E

E8BCFF

452574

FFD8FF

2B0E5B

FFF5FF

130043

00002C

000116

000000

946DC4

946DC4

8959C4

9F81C4

7E46C4

AA94C4

7432C4

B4A8C4

691FC4

BFBBC4

5E0BC4

CACFC4

5800C4

D5E3C4

E0F6C4

EBFFC4

F5FFC4

Harmonies

Analogous

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



407FD7



946DC4



C05B9F

Triad

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



946DC4



AF7228



00958D

Complementary

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



946DC4



9DC46D

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.



00925E



946DC4



89811E

Square

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



946DC4



C96048



598C36



0093B7

Rectangle

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



946DC4



CE5581



598C36



00947D

Sweetspot

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



946DC4



EDDEFF



6D9EC4



746B80



000000



808080

Same Dimension

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



946DC4



B478FF



BE6DC4



5C5761



4800A1



0F0021

Inverse Universe

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



C46D9D



FF78C2



73C46D



61575D



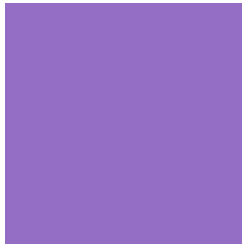
A10059



210012

Previews

White Background



This preview shows how the Hex color 946DC4 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

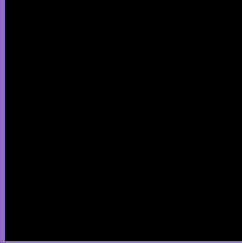
Any Text WCAG AA ✓ Pass

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 946DC4 Background



This preview shows how black text looks on a background with the Hex color 946DC4.

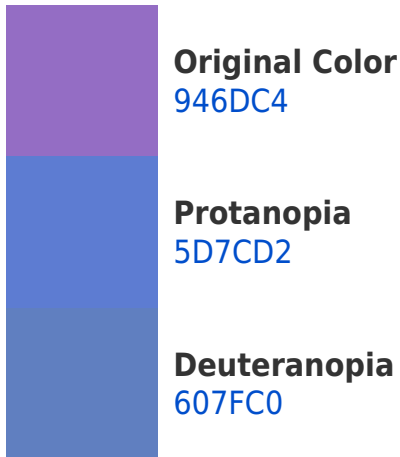


This preview shows how white text looks on a background with the Hex color 946DC4.

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](#).

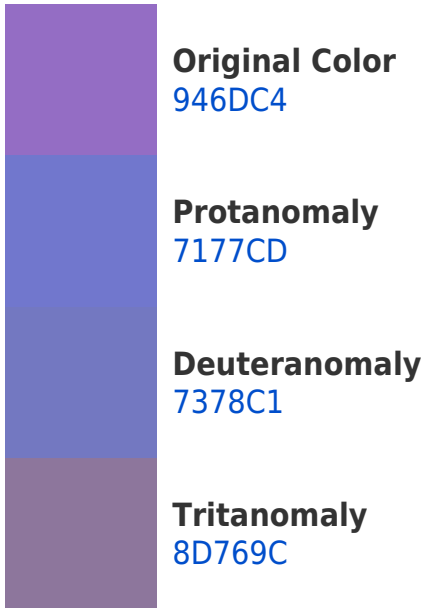
Dichromacy





Tritanopia
897B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 946DC4 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 #946DC4 looks like.

```
.text, #text, p{  
    color:#946DC4  
}
```

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 #946DC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #946DC4
}
```

Border

The CSS property to change the border of an element to Hex 946DC4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

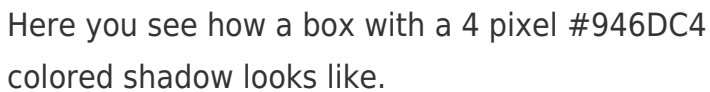
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#946DC4 }
```

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

```
.border{ border-color:#946DC4 }
```

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



Here you see how a box with a 4 pixel #946DC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #946DC4; -webkit-box-shadow:4px 4px  
4px 4px #946DC4; box-shadow:4px 4px 4px  
4px #946DC4 }
```

Background

The CSS property to change the background color of an element to Hex 946DC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#946DC4 }
```

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

```
.background{ background-color:#946DC4 }
```

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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