

Converting Colors

Hex(D0F258)

Have a look what the booklet for
Hex(D0F258) contains.

Hex(D0F258)	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(D0F258)

Conversions

Conversions Part 1

Format	Color
Hex	D0F258
RGB	208, 242, 88
RGB Percent	82%, 95%, 35%
CMY	0.1843, 0.0510, 0.6549
CMYK	0.14, 0.00, 0.64, 0.05
HSL	73°, 86%, 65%
HSV	73°, 64%, 95%
XYZ	59.5260, 77.6187, 21.0771
YIQ	214.2780, 29.1700, -55.1020

Conversions

Conversions Part 2

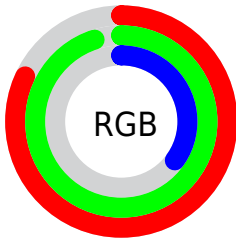
Format	Color
R_{YB}	88, 242, 122
Decimal	13693528
CIE _{Lab}	90.61, -31.72, 68.11
CIE _{LCh}	91, 75.133, 114.974
Yxy	77.6187, 0.3762, 0.4906
Android (android.graphics.Color)	4291883608 (0xFFD0F258)
YUV	214.2780, -62.2551, -5.5058
Hunter-Lab	88.1015, -33.5736, 47.4867

Details

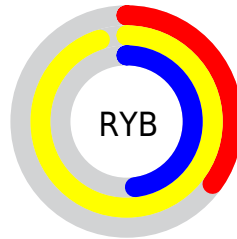
The Hex color **D0F258** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **7A58F2**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFF90**, and **96BA18** is the 20% darker color. If you saturate the color by 10%, you get **CBF240**, and if you desaturate by 10%, it is **D5F270**.

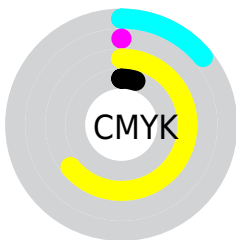
Distribution



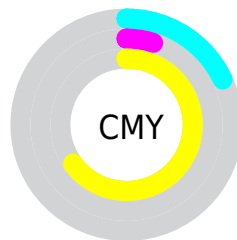
- Red (82%)
- Green (95%)
- Blue (35%)



- Red (35%)
- Yellow (95%)
- Blue (48%)



- Cyan (14%)
- Magenta (0%)
- Yellow (64%)
- Black (5%)



- Cyan (18%)
- Magenta (5%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0F258 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 D0F258 by changing the saturation by 10% instead.

 D0F258

 D0F258

FFFFFF

 B3D63B

 FFFF90

 96BA18

 FFFFAC

 7A9F00

 FFFFC9

 5E8500

 FFFFEE

 436B00

 265300

 033B00

 002600

 000400

 D0F258

 D0F258

 CBF240

 D5F270

 C5F228

 DBF288

 C0F20F

 E0F2A1

 BDF200

 E5F2B9

 EBF2D1

 F0F2E9

 F5F2FF

 FBF2FF

 FFF2FF

Harmonies

Analogous

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



FFDC4B



D0F258



73FF8E

Triad

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



D0F258



00FFFF



FFA4F3

Complementary

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



D0F258



7A58F2

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.



FFB8FF



D0F258



00F0FF

Square

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



D0F258



00FFFF



D2D6FF



FFA8AC

Rectangle

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



D0F258



00FFBC



D2D6FF



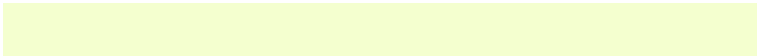
FFA8FF

Sweetspot

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



D0F258



F4FFCF



F27958



798062



000000



808080

Same Dimension

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



D0F258



D4FF3D



84F258



75786C



8FB800



2C3800

Inverse Universe

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



7A58F2



683DFF



C658F2



6F6C78



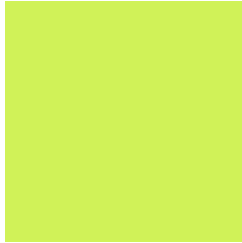
2900B8



0C0038

Previews

White Background



This preview shows how the Hex color D0F258 looks on a white 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

Black Background



This preview shows how the Hex color D0F258 looks on a 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 ✓ Pass

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

Hex D0F258 Background



This preview shows how black text looks on a background with the Hex color D0F258.

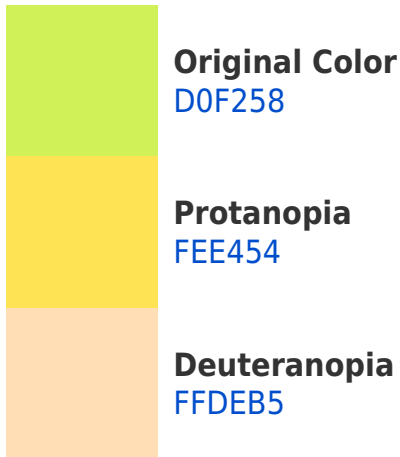


This preview shows how white text looks on a background with the Hex color D0F258.

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](#).

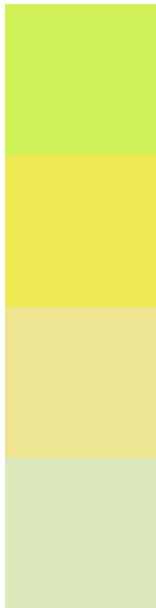
Dichromacy





Tritanopia
E1E3F4

Trichromacy



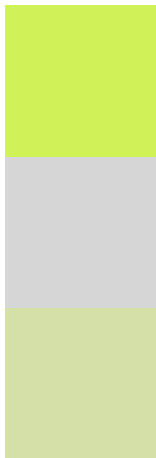
Original Color
D0F258

Protanomaly
EDE955

Deuteranomaly
EEE593

Tritanomaly
DBE8BB

Monochromacy



Original Color
D0F258

Achromatopsia
D6D6D6

Achromatomaly
D4E0A8

CSS Examples

Text

The CSS property to change the color of the text to Hex D0F258 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 #D0F258 looks like.

```
.text, #text, p{  
    color:#D0F258  
}
```

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 #D0F258 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0F258
}
```

Border

The CSS property to change the border of an element to Hex D0F258 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
#D0F258 }
```

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

```
.border{ border-color:#D0F258 }
```

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

Here you see how a box with a 4 pixel #D0F258 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0F258; -webkit-box-shadow:4px 4px  
4px 4px #D0F258; box-shadow:4px 4px 4px  
4px #D0F258 }
```

Background

The CSS property to change the background color of an element to Hex D0F258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0F258 }
```

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

```
.background{ background-color:#D0F258 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor