

Converting Colors

Hex(6DEF10)

Have a look what the booklet for
Hex(6DEF10) contains.

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Color

Hex(6DEF10)

Conversions

Conversions Part 1

Format	Color
Hex	6DEF10
RGB	109, 239, 16
RGB Percent	43%, 94%, 6%
CMY	0.5725, 0.0627, 0.9373
CMYK	0.54, 0.00, 0.93, 0.06
HSL	95°, 87%, 50%
HSV	95°, 93%, 94%
XYZ	37.2667, 65.0216, 11.0765
YIQ	174.7080, -5.8970, -96.9130

Conversions

Conversions Part 2

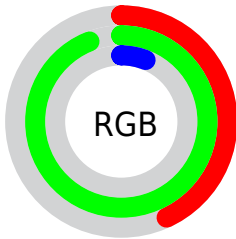
Format	Color
RYB	16, 239, 146
Decimal	7204624
CIELab	84.49, -67.21, 79.90
CIELCh	84, 104.411, 130.068
Yxy	65.0216, 0.3287, 0.5736
Android (android.graphics.Color)	4285394704 (0xFF6DEF10)
YUV	174.7080, -78.2430, -57.6259
Hunter-Lab	80.6360, -58.6175, 48.3009

Details

The Hex color **6DEF10** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **9210EF**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **ACFF5E**, and **1DB600** is the 20% darker color. If you saturate the color by 10%, you get **64EF00**, and if you desaturate by 10%, it is **7BEF28**.

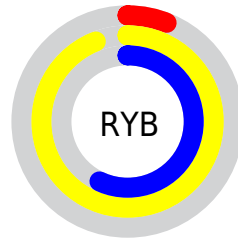
Distribution



Red (43%)

Green (94%)

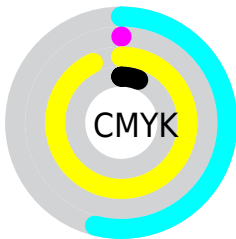
Blue (6%)



Red (6%)

Yellow (94%)

Blue (57%)

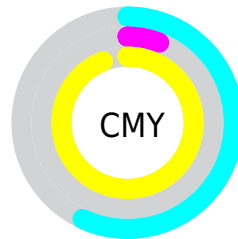


Cyan (54%)

Magenta (0%)

Yellow (93%)

Black (6%)



Cyan (57%)

Magenta (6%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DEF10 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 6DEF10 by changing the saturation by 10% instead.

 6DEF10

 6DEF10


FFFFFF

 4BD200

 ACFF5E

 1DB600

 CBFF7C

 009A00

 EAFF99

 007F00

 FFFFB7

 006500

 FFFFD4

 004B00

 FFFFF2

 003400

 001800

 000000

■ 6DEF10

■ 6DEF10

■ 64EF00

■ 7BEF28

■ 89EF40

■ 97EF58

■ A5EF70

■ B3EF87

■ C1EF9F

■ CFEFB7

■ DCEFCF

■ EAEFE7

Harmonies

Analogous

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



DFD900



6DEF10



00FA8B

Triad

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



6DEF10



00FFFF



FF5CB6

Complementary

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



6DEF10



9210EF

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.



FF71FF



6DEF10



00D4FF

Square

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



6DEF10



00FCFF



FDA7FF



FF8457

Rectangle

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



6DEF10



00FED0



FDA7FF



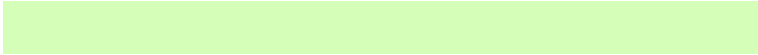
FF5BD7

Sweetspot

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



6DEF10



D5FFB8



EF8E10



668054



000000



808080

Same Dimension

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



6DEF10



6AFF00



10EF1F



71786C



4DB800



173800

Inverse Universe

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



9210EF



9500FF



EF10E0



736C78



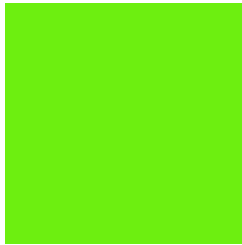
6B00B8



210038

Previews

White Background



This preview shows how the Hex color 6DEF10 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 6DEF10 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

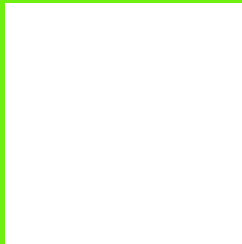
Any Text WCAG AAA ✓ Pass

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

Hex 6DEF10 Background



This preview shows how black text looks on a background with the Hex color 6DEF10.

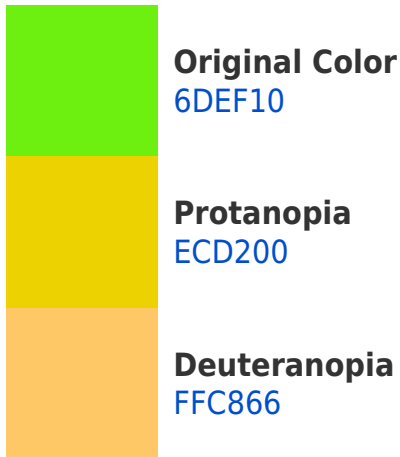


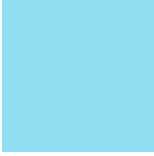
This preview shows how white text looks on a background with the Hex color 6DEF10.

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](#).

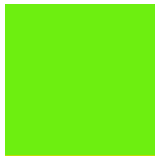
Dichromacy





Tritanopia
90DEF0

Trichromacy



Original Color
6DEF10



Protanomaly
BEDD06



Deuteranomaly
CAD647

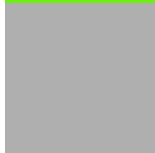


Tritanomaly
83E49F

Monochromacy



Original Color
6DEF10



Achromatopsia
AFAFAF



Achromatomaly
97C675

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DEF10 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 #6DEF10 looks like.

```
.text, #text, p{  
    color:#6DEF10  
}
```

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 #6DEF10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DEF10
}
```

Border

The CSS property to change the border of an element to Hex 6DEF10 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
#6DEF10 }
```

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

```
.border{ border-color:#6DEF10 }
```

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

Here you see how a box with a 4 pixel #6DEF10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DEF10; -webkit-box-shadow:4px 4px  
4px 4px #6DEF10; box-shadow:4px 4px 4px  
4px #6DEF10 }
```

Background

The CSS property to change the background color of an element to Hex 6DEF10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DEF10 }
```

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

```
.background{ background-color:#6DEF10 }
```

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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