

Converting Colors

Hex(65DE08)

Have a look what the booklet for
Hex(65DE08) contains.

Hex(65DE08)	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(65DE08)

Conversions

Conversions Part 1

Format	Color
Hex	65DE08
RGB	101, 222, 8
RGB Percent	40%, 87%, 3%
CMY	0.6039, 0.1294, 0.9686
CMYK	0.55, 0.00, 0.96, 0.13
HSL	94°, 93%, 45%
HSV	94°, 96%, 87%
XYZ	31.5319, 55.0268, 9.1891
YIQ	161.4250, -3.4220, -92.2060

Conversions

Conversions Part 2

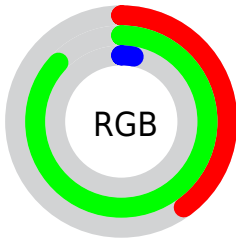
Format	Color
RYB	8, 222, 129
Decimal	6675976
CIELab	79.06, -63.60, 76.16
CIELCh	79, 99.224, 129.862
Yxy	55.0268, 0.3293, 0.5747
Android (android.graphics.Color)	4284866056 (0xFF65DE08)
YUV	161.4250, -75.6385, -52.9927
Hunter-Lab	74.1800, -53.9395, 44.5815

Details

The Hex color **65DE08** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **8108DE**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A3FF58**, and **12A600** is the 20% darker color. If you saturate the color by 10%, you get **60DE00**, and if you desaturate by 10%, it is **72DE1E**.

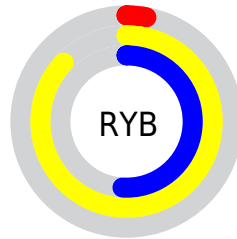
Distribution



Red (40%)

Green (87%)

Blue (3%)



Red (3%)

Yellow (87%)

Blue (51%)

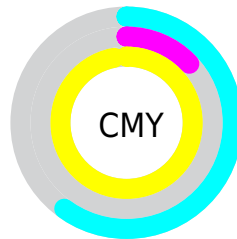


Cyan (55%)

Magenta (0%)

Yellow (96%)

Black (13%)



Cyan (60%)

Magenta (13%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65DE08 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 65DE08 by changing the saturation by 10% instead.

 65DE08

 65DE08

FFFFFF

 43C200

 A3FF58

 12A600

 C2FF76

 008A00

 E0FF93

 007000

 FFFF80

 005600

 FFFFC8

 003D00

 FFFF96

 002500

 000000

 65DE08

 65DE08

■ 60DE00

■ 72DE1E

■ 7EDE34

■ 8BDE4B

■ 97DE61

■ A4DE77

■ B0DE8D

■ BDDEA3

■ C9DEBA

■ D6DED0

Harmonies

Analogous

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



CFCA00



65DE08



00E880

Triad

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



65DE08



00DFFF



FF53A9

Complementary

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



65DE08



8108DE

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.



FF68FF



65DE08



00C5FF

Square

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



65DE08



00EAFB



EB9BFF



FF7951

Rectangle

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



65DE08



00ECC1



EB9BFF



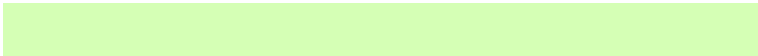
FF53C8

Sweetspot

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



65DE08



D5FFB5



DE7E08



668053



000000



808080

Same Dimension

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



65DE08



6FFF00



08DE13



6A7065



4CB000



153000

Inverse Universe

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



8108DE



9000FF



DE08D3



6B6570



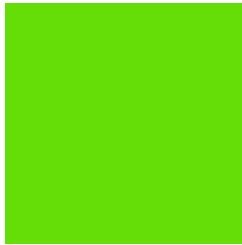
6300B0



1B0030

Previews

White Background



This preview shows how the Hex color 65DE08 looks on a white background.

Color Contrast Check

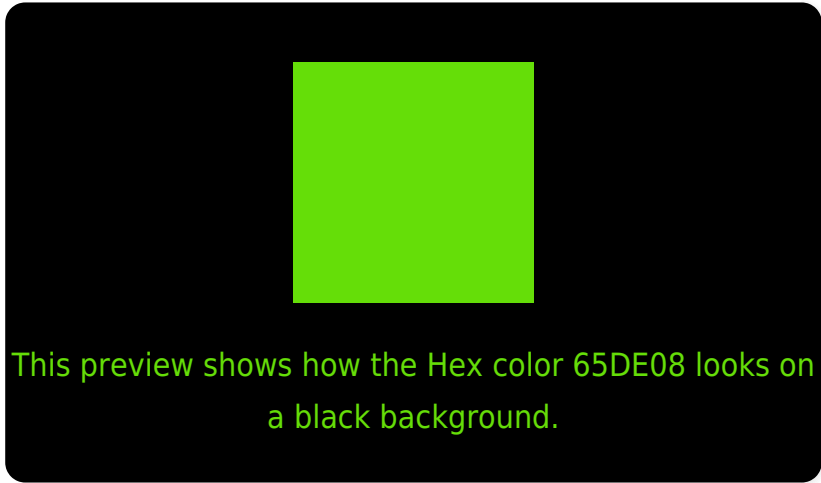
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

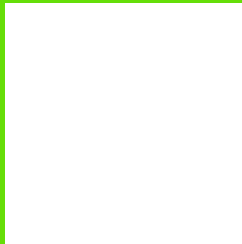
Any Text WCAG AAA ✓ Pass

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

Hex 65DE08 Background



This preview shows how black text looks on a background with the Hex color 65DE08.

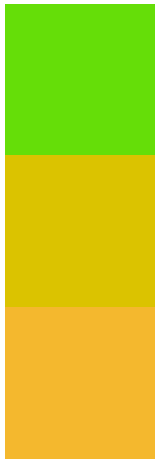


This preview shows how white text looks on a background with the Hex color 65DE08.

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](#).

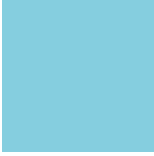
Dichromacy



Original Color
65DE08

Protanopia
DBC300

Deuteranopia
F4B82E



Tritanopia
85CEDF

Trichromacy



Original Color
65DE08



Protanomaly
B0CD03



Deuteranomaly
C0C620



Tritanomaly
79D491

Monochromacy



Original Color
65DE08



Achromatopsia
A1A1A1



Achromatomaly
8BB769

CSS Examples

Text

The CSS property to change the color of the text to Hex 65DE08 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 #65DE08 looks like.

```
.text, #text, p{  
    color:#65DE08  
}
```

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 #65DE08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65DE08
}
```

Border

The CSS property to change the border of an element to Hex 65DE08 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
#65DE08 }
```

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

```
.border{ border-color:#65DE08 }
```

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

Here you see how a box with a 4 pixel #65DE08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65DE08; -webkit-box-shadow:4px 4px  
4px 4px #65DE08; box-shadow:4px 4px 4px  
4px #65DE08 }
```

Background

The CSS property to change the background color of an element to Hex 65DE08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65DE08 }
```

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

```
.background{ background-color:#65DE08 }
```

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