

Converting Colors

Hex(6BDE68)

Have a look what the booklet for
Hex(6BDE68) contains.

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Color

Hex(6BDE68)

Conversions

Conversions Part 1

Format	Color
Hex	6BDE68
RGB	107, 222, 104
RGB Percent	42%, 87%, 41%
CMY	0.5804, 0.1294, 0.5922
CMYK	0.52, 0.00, 0.53, 0.13
HSL	118°, 64%, 64%
HSV	118°, 53%, 87%
XYZ	34.6834, 56.3678, 22.1488
YIQ	174.1630, -30.6620, -61.0780

Conversions

Conversions Part 2

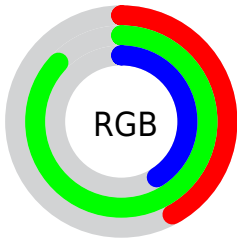
Format	Color
RYB	104, 222, 219
Decimal	7069288
CIELab	79.82, -55.73, 47.59
CIELCh	80, 73.284, 139.506
Yxy	56.3678, 0.3064, 0.4979
Android (android.graphics.Color)	4285259368 (0xFF6BDE68)
YUV	174.1630, -34.5904, -58.9020
Hunter-Lab	75.0785, -48.9273, 35.0639

Details

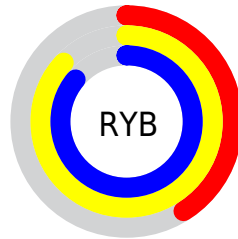
The Hex color **6BDE68** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **DB68DE**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A6FF9E**, and **29A634** is the 20% darker color. If you saturate the color by 10%, you get **55DE52**, and if you desaturate by 10%, it is **81DE7E**.

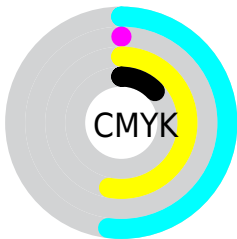
Distribution



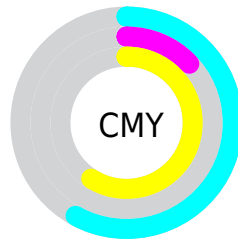
- Red (42%)
- Green (87%)
- Blue (41%)



- Red (41%)
- Yellow (87%)
- Blue (86%)



- Cyan (52%)
- Magenta (0%)
- Yellow (53%)
- Black (13%)



- Cyan (58%)
- Magenta (13%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BDE68 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 6BDE68 by changing the saturation by 10% instead.

 6BDE68

 6BDE68

FFFFFF

 4CC24E

 A6FF9E

 29A634

 C3FFB9

 008B18

 E1FFD6

 007000

 FFFFF3

 005700

 003E00

 002700

 000000

 6BDE68

 6BDE68

 55DE52

 81DE7E

 40DE3C

 96DE94

 2ADE25

 ACDEAB

 14DE0F

 C2DEC1

 06DE00

 D7DED7

 EDDEED

 FFDEFF

Harmonies

Analogous

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



BFD037



6BDE68



00E5AB

Triad

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



6BDE68



00D5FF



FF889C

Complementary

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



6BDE68



DB68DE

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.



FF89E1



6BDE68



9ABEFF

Square

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



6BDE68



00E2FF



FFA0FF



FF9F5F

Rectangle

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



6BDE68



00E7DA



FFA0FF



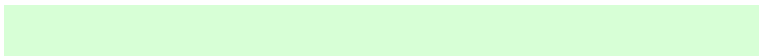
FF85B3

Sweetspot

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



6BDE68



D7FFD6



DEDA68



688067



000000



808080

Same Dimension

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



6BDE68



60FF5C



68DE9F



657065



04B000



013000

Inverse Universe

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



DB68DE



FB5CFF



DE68A7



706570



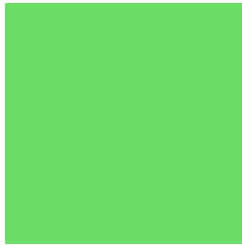
AB00B0



2F0030

Previews

White Background



This preview shows how the Hex color 6BDE68 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 6BDE68 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

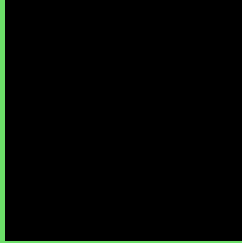
Any Text WCAG AA ✓ Pass

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 6BDE68 Background



This preview shows how black text looks on a background with the Hex color 6BDE68.

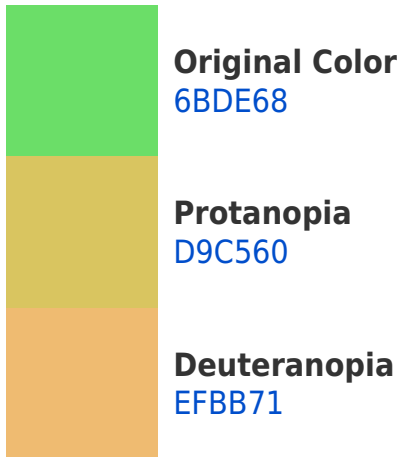


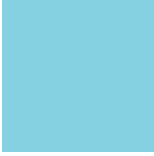
This preview shows how white text looks on a background with the Hex color 6BDE68.

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
85D1E2

Trichromacy



Original Color
6BDE68



Protanomaly
B1CE63



Deuteranomaly
BFC86E



Tritanomaly
7CD6B6

Monochromacy



Original Color
6BDE68



Achromatopsia
AEAEAE



Achromatomaly
96BF95

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BDE68 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 #6BDE68 looks like.

```
.text, #text, p{  
    color:#6BDE68  
}
```

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 #6BDE68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BDE68
}
```

Border

The CSS property to change the border of an element to Hex 6BDE68 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
#6BDE68 }
```

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

```
.border{ border-color:#6BDE68 }
```

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

Here you see how a box with a 4 pixel #6BDE68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BDE68; -webkit-box-shadow:4px 4px  
4px 4px #6BDE68; box-shadow:4px 4px 4px  
4px #6BDE68 }
```

Background

The CSS property to change the background color of an element to Hex 6BDE68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BDE68 }
```

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

```
.background{ background-color:#6BDE68 }
```

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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