

Converting Colors

Hex(6DB160)

Have a look what the booklet for
Hex(6DB160) contains.

Hex(6DB160)	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(6DB160)

Conversions

Conversions Part 1

Format	Color
Hex	6DB160
RGB	109, 177, 96
RGB Percent	43%, 69%, 38%
CMY	0.5725, 0.3059, 0.6235
CMYK	0.38, 0.00, 0.46, 0.31
HSL	110°, 34%, 54%
HSV	110°, 46%, 69%
XYZ	24.1401, 35.5400, 16.6539
YIQ	147.4340, -14.5270, -39.6070

Conversions

Conversions Part 2

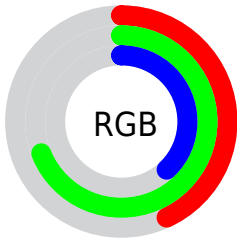
Format	Color
RYB	96, 177, 164
Decimal	7188832
CIELab	66.17, -37.52, 34.71
CIELCh	66, 51.115, 137.232
Yxy	35.5400, 0.3162, 0.4656
Android (android.graphics.Color)	4285378912 (0xFF6DB160)
YUV	147.4340, -25.3570, -33.7066
Hunter-Lab	59.6155, -32.0469, 25.1678

Details

The Hex color **6DB160** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **A460B1**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A3E994**, and **387C2F** is the 20% darker color. If you saturate the color by 10%, you get **5EB14E**, and if you desaturate by 10%, it is **7CB172**.

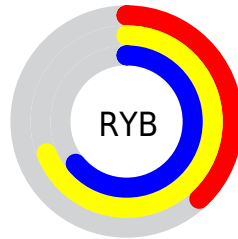
Distribution



Red (43%)

Green (69%)

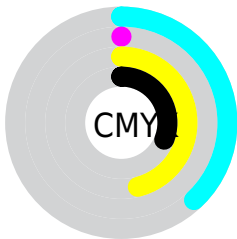
Blue (38%)



Red (38%)

Yellow (69%)

Blue (64%)

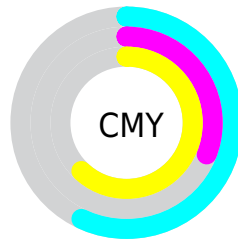


Cyan (38%)

Magenta (0%)

Yellow (46%)

Black (31%)



Cyan (57%)

Magenta (31%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DB160 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 6DB160 by changing the saturation by 10% instead.

 6DB160

 6DB160

FFFFFF

 529647

 A3E994

 387C2F

 C0FFAF

 1B6217

 DCFFCB

 004A00

 F9FFE7

 003200

 001E00

 000000

 6DB160

 6DB160

 5EB14E

 7CB172

 4FB13D

 8BB183

 40B12B

 9AB195

 32B119

 A8B1A7

 23B107

 B7B1B8

 1CB100

 C6B1CA

 D5B1DC

 E4B1EE

 F3B1FF

Harmonies

Analogous

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



A2A745



6DB160



00B78B

Triad

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



6DB160



00ABFA



F77A88

Complementary

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



6DB160



A460B1

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.



EC7CB6



6DB160



839CF9

Square

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



6DB160



00B4E3



C68AE0



EA865F

Rectangle

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



6DB160



00B8AB



C68AE0



F67997

Sweetspot

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



6DB160



CBE6C5



B1A360



62735F



F2F2F2



737373

Same Dimension

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



6DB160



7CE667



60B17B



525950



199900



041A00

Inverse Universe

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



A460B1



D167E6



B16096



585059



800099



15001A

Previews

White Background



This preview shows how the Hex color 6DB160 looks on a white background.

Color Contrast Check

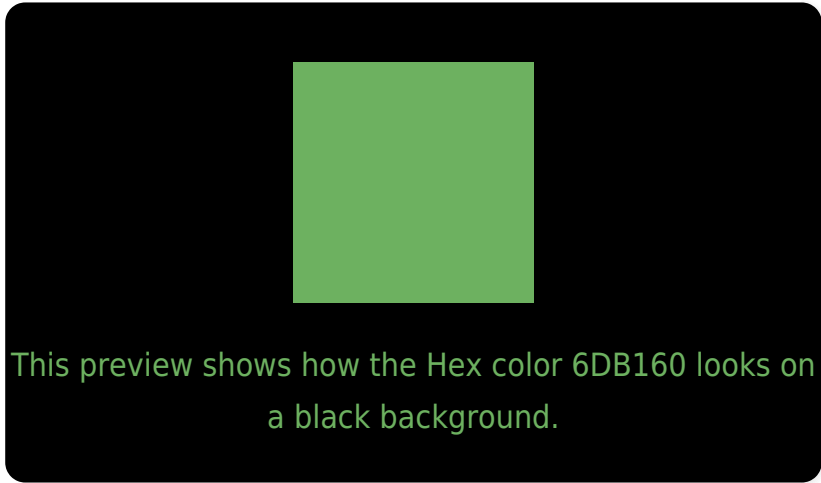
Large Text (above 18pt) WCAG AA × Fail

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 6DB160 Background



This preview shows how black text looks on a background with the Hex color 6DB160.

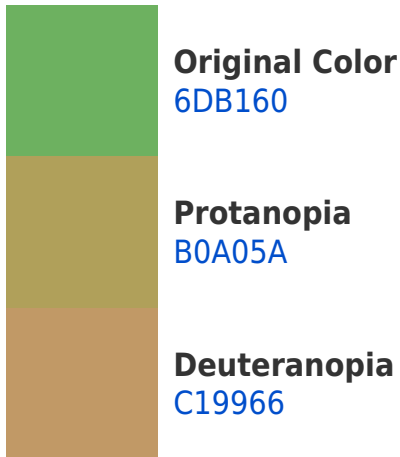


This preview shows how white text looks on a background with the Hex color 6DB160.

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](#).

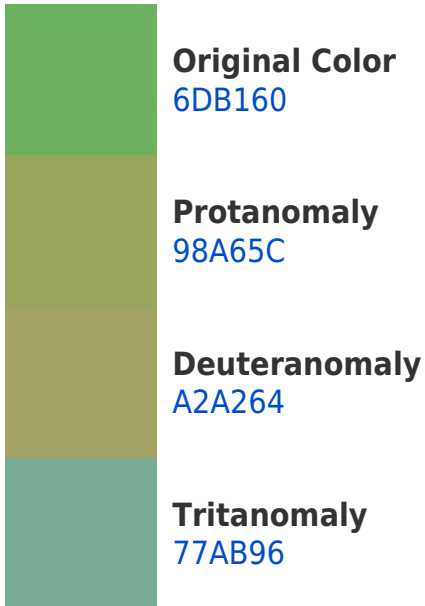
Dichromacy





Tritanopia
7CA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DB160 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 #6DB160 looks like.

```
.text, #text, p{  
    color:#6DB160  
}
```

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 #6DB160 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DB160
}
```

Border

The CSS property to change the border of an element to Hex 6DB160 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
#6DB160 }
```

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

```
.border{ border-color:#6DB160 }
```

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

Here you see how a box with a 4 pixel #6DB160 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DB160; -webkit-box-shadow:4px 4px  
4px 4px #6DB160; box-shadow:4px 4px 4px  
4px #6DB160 }
```

Background

The CSS property to change the background color of an element to Hex 6DB160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DB160 }
```

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

```
.background{ background-color:#6DB160 }
```

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