

# Converting Colors

Hex(6DA255)

Have a look what the booklet for  
Hex(6DA255) contains.

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# Color

**Hex(6DA255)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6DA255
RGB	109, 162, 85
RGB Percent	43%, 64%, 33%
CMY	0.5725, 0.3647, 0.6667
CMYK	0.33, 0.00, 0.48, 0.36
HSL	101°, 31%, 48%
HSV	101°, 48%, 64%
XYZ	20.8667, 29.7477, 13.2364
YIQ	137.3750, -6.8710, -35.1830

# Conversions

## Conversions Part 2

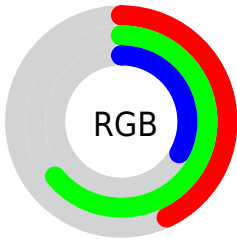
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 162, 138
Decimal	7184981
CIE Lab	61.44, -32.15, 34.43
CIE LCh	61, 47.107, 133.031
Yxy	29.7477, 0.3268, 0.4659
Android (android.graphics.Color)	4285375061 (0xFF6DA255)
YUV	137.3750, -25.8209, -24.8849
Hunter-Lab	54.5415, -27.1564, 23.7902

# Details

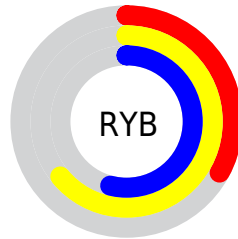
The Hex color **6DA255** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8A55A2**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A3D988**, and **396E25** is the 20% darker color. If you saturate the color by 10%, you get **62A245**, and if you desaturate by 10%, it is **78A265**.

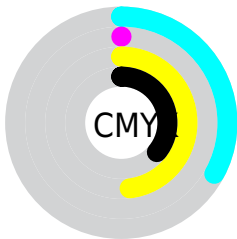
# Distribution



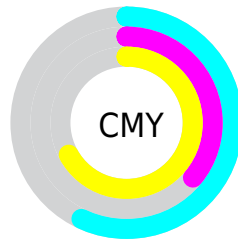
- Red (43%)
- Green (64%)
- Blue (33%)



- Red (33%)
- Yellow (64%)
- Blue (54%)



- Cyan (33%)
- Magenta (0%)
- Yellow (48%)
- Black (36%)



- Cyan (57%)
- Magenta (36%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DA255 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 6DA255 by changing the saturation by 10% instead.





6DA255



6DA255

FFFFFF



53883D



A3D988



396E25



BFF6A3



1F550B



DBFFBE



023D00



F8FFDA



002800



FFFFFF7



000A00



000000



6DA255



6DA255



62A245



78A265

 57A235

 83A275

 4CA224

 8EA286

 40A214

 9AA296

 35A204

 A5A2A6

 32A200

 B0A2B6

 BBA2C6

 C6A2D7

 D1A2E7

# Harmonies

## Analogous

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



9B983F



6DA255



26A87B

# Triad

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



6DA255



009FE4



E37184

# Complementary

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



6DA255



8A55A2

# 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.



D574AE



6DA255



6E93E5

# Square

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



6DA255



00A7CC



AF82D2



DA7A5D

# Rectangle

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



6DA255



00A997



AF82D2



E17192



# Sweetspot

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



6DA255



BFD4B6



A28A55



5F6B59



EBEBEB



6B6B6B



# Same Dimension

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



6DA255



81D45B



55A263



4C5249



2D9100



061200



# Inverse Universe

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



8A55A2



AE5BD4



A25594



4F4952



640091



0C0012



# Previews

## White Background



This preview shows how the Hex color 6DA255 looks on a white background.

## Color Contrast Check

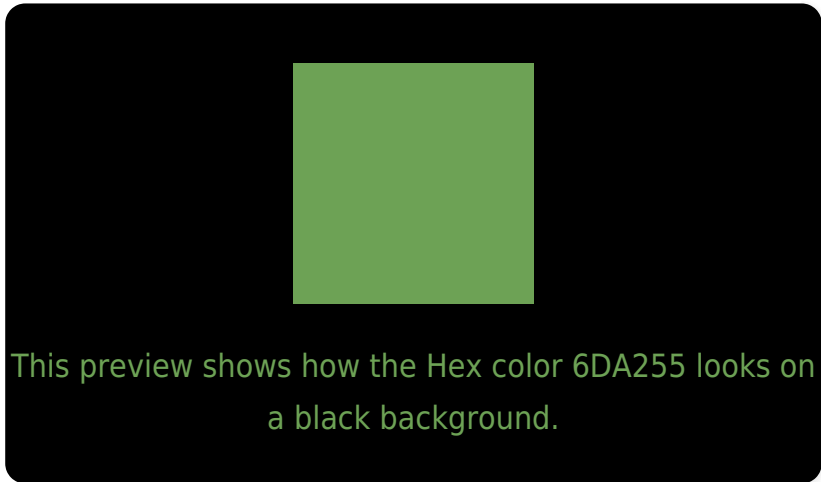
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 6DA255 Background



This preview shows how black text looks on a background with the Hex color 6DA255.

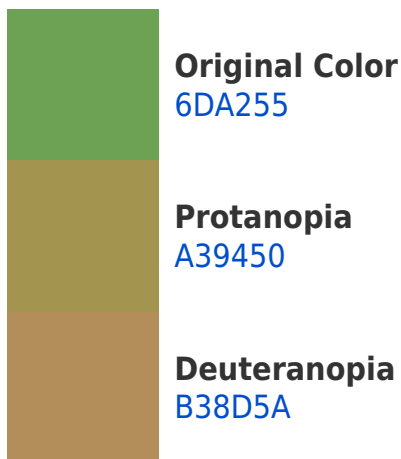


This preview shows how white text looks on a background with the Hex color 6DA255.

# 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**  
7A99A5

# Trichromacy



**Original Color**  
6DA255

**Protanomaly**  
8F9952

**Deuteranomaly**  
9A9558

**Tritanomaly**  
759C88

# Monochromacy



**Original Color**  
6DA255

**Achromatopsia**  
898989

**Achromatomaly**  
7F9276

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DA255 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 #6DA255 looks like.

```
.text, #text, p{  
    color:#6DA255  
}
```

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 #6DA255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA255
}
```

## Border

The CSS property to change the border of an element to Hex 6DA255 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
#6DA255 }
```

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

```
.border{ border-color:#6DA255 }
```

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

Here you see how a box with a 4 pixel #6DA255 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA255; -webkit-box-shadow:4px 4px  
4px 4px #6DA255; box-shadow:4px 4px 4px  
4px #6DA255 }
```

# Background

The CSS property to change the background color of an element to Hex 6DA255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA255 }
```

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

```
.background{ background-color:#6DA255 }
```

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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