

Converting Colors

Hex(63BD36)

Have a look what the booklet for
Hex(63BD36) contains.

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Color

Hex(63BD36)

Conversions

Conversions Part 1

Format	Color
Hex	63BD36
RGB	99, 189, 54
RGB Percent	39%, 74%, 21%
CMY	0.6118, 0.2588, 0.7882
CMYK	0.48, 0.00, 0.71, 0.26
HSL	100°, 56%, 48%
HSV	100°, 71%, 74%
XYZ	24.0090, 39.3142, 9.8130
YIQ	146.7000, -10.3050, -61.0650

Conversions

Conversions Part 2

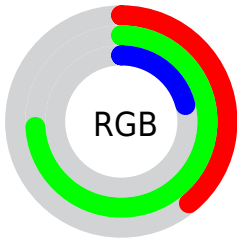
Format	Color
RYB	54, 189, 144
Decimal	6536502
CIELab	68.98, -50.22, 56.84
CIElCh	69, 75.849, 131.457
Yxy	39.3142, 0.3283, 0.5375
Android (android.graphics.Color)	4284726582 (0xFF63BD36)
YUV	146.7000, -45.7011, -41.8329
Hunter-Lab	62.7010, -41.3768, 34.6115

Details

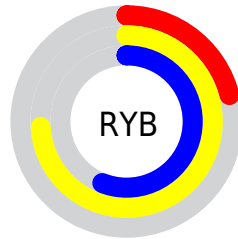
The Hex color **63BD36** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **9036BD**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **9DF66D**, and **248700** is the 20% darker color. If you saturate the color by 10%, you get **56BD23**, and if you desaturate by 10%, it is **70BD49**.

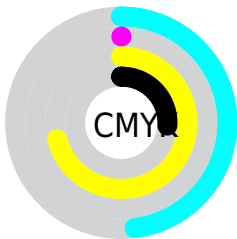
Distribution



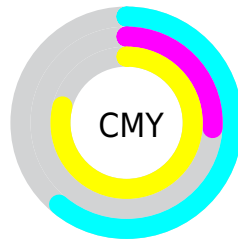
- Red (39%)
- Green (74%)
- Blue (21%)



- Red (21%)
- Yellow (74%)
- Blue (56%)



- Cyan (48%)
- Magenta (0%)
- Yellow (71%)
- Black (26%)



- Cyan (61%)
- Magenta (26%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63BD36 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 63BD36 by changing the saturation by 10% instead.

 63BD36

 63BD36

FFFFFF

 45A216

 9DF66D

 248700

 BAFF88

 006D00

 D7FFA3

 005300

 F5FFC0

 003B00

 FFFFDC

 002500

 FFFFFA

 000000

 63BD36

 63BD36

 56BD23

 70BD49

 4ABD10

 7CBD5C

 3FBD00

 89BD6F

 95BD82

 A2BD95

 AFBDA7

 BBBDBA

 C8BDCD

 D4BDE0

Harmonies

Analogous

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



B1AD00



63BD36



00C57A

Triad

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



63BD36



00BCFF



FF6191

Complementary

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



63BD36



9036BD

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.



FF6BD6



63BD36



31A8FF

Square

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



63BD36



00C6FF



CC8AFF



FF7750

Rectangle

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



63BD36



00C8AA



CC8AFF



FF60A8

Sweetspot

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



63BD36



D3F5C1



BD9036



667A5C



FAFAFA



7A7A7A

Same Dimension

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



63BD36



68F522



36BD4C



585E55



359E00



0A1F00

Inverse Universe

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



9036BD



AF22F5



BD36A6



5B555E



69009E



14001F

Previews

White Background



This preview shows how the Hex color 63BD36 looks on a white background.

Color Contrast Check

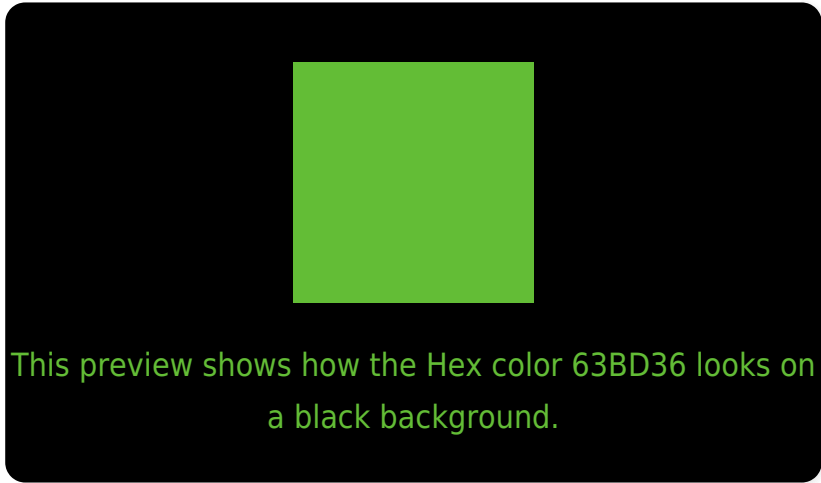
Large Text (above 18pt) WCAG AA × Fail

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 63BD36 Background



This preview shows how black text looks on a background with the Hex color 63BD36.

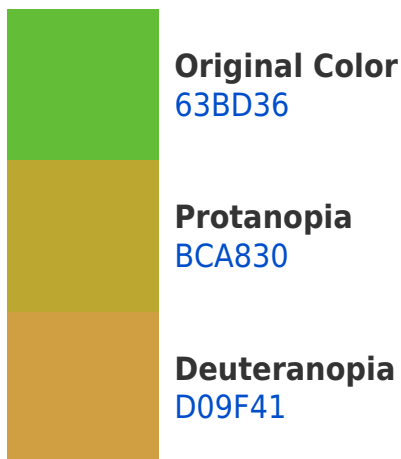


This preview shows how white text looks on a background with the Hex color 63BD36.

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
7AB0BF

Trichromacy



Original Color
63BD36



Protanomaly
9CB032



Deuteranomaly
A8AA3D



Tritanomaly
72B58D

Monochromacy



Original Color
63BD36



Achromatopsia
939393



Achromatomaly
82A271

CSS Examples

Text

The CSS property to change the color of the text to Hex 63BD36 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 #63BD36 looks like.

```
.text, #text, p{  
    color:#63BD36  
}
```

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 #63BD36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63BD36
}
```

Border

The CSS property to change the border of an element to Hex 63BD36 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
#63BD36 }
```

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

```
.border{ border-color:#63BD36 }
```

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

Here you see how a box with a 4 pixel #63BD36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63BD36; -webkit-box-shadow:4px 4px  
4px 4px #63BD36; box-shadow:4px 4px 4px  
4px #63BD36 }
```

Background

The CSS property to change the background color of an element to Hex 63BD36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63BD36 }
```

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

```
.background{ background-color:#63BD36 }
```

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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