

Converting Colors

Hex(B66D00)

Have a look what the booklet for
Hex(B66D00) contains.

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Color

Hex(B66D00)

Conversions

Conversions Part 1

Format	Color
Hex	B66D00
RGB	182, 109, 0
RGB Percent	71%, 43%, 0%
CMY	0.2863, 0.5725, 1.0000
CMYK	0.00, 0.40, 1.00, 0.29
HSL	36°, 100%, 36%
HSV	36°, 100%, 71%
XYZ	24.7600, 20.8824, 2.7257
YIQ	118.4010, 78.4970, -18.4230

Conversions

Conversions Part 2

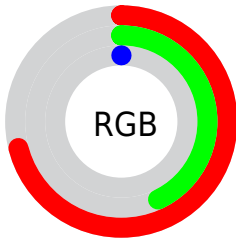
Format	Color
RYB	122, 182, 0
Decimal	11955456
CIELab	52.82, 22.69, 60.15
CIELCh	53, 64.287, 69.332
Yxy	20.8824, 0.5119, 0.4317
Android (android.graphics.Color)	4290145536 (0xFFB66D00)
YUV	118.4010, -58.3717, 55.7763
Hunter-Lab	45.6972, 16.7462, 28.4516

Details

The Hex color **B66D00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0049B6**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **F3A141**, and **7B3D00** is the 20% darker color. If you saturate the color by 10%, you get **B66D00**, and if you desaturate by 10%, it is **B67412**.

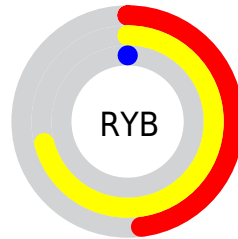
Distribution



Red (71%)

Green (43%)

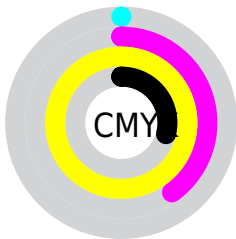
Blue (0%)



Red (48%)

Yellow (71%)

Blue (0%)

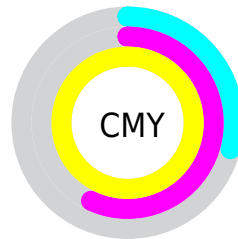


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B66D00 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 B66D00 by changing the saturation by 10% instead.

 B66D00

 B66D00

FFFFFF

 985400

 F3A141

 7B3D00

 FFBC5B

 5E2600

 FFD876

 421100

 FFF491

 2A0000

 FFFFAC

 000000

 FFFFC8

 FFFF E5

 B66D00

 B67412

 B67C24

 B68337

 B68A49

 B6925B

 B6996D

 B6A07F

 B6A792

 B6AFA4

Harmonies

Analogous

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



D6543B



B66D00



888100

Triad

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



B66D00



00978E



9567D4

Complementary

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



B66D00



0049B6

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.



007FEC



B66D00



0096C3

Square

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



B66D00



009555



008EE6



CC4CA6

Rectangle

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



B66D00



628A02



008EE6



7870DF

Sweetspot

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



B66D00



EDD1A6



B6004C



78674D



F7F7F7



787878

Same Dimension

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



B66D00



ED8E00



A7B600



5C5853



9C5D00



1C1100

Inverse Universe

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



0049B6



005FED



0F00B6



53565C



003E9C



000B1C

Previews

White Background



This preview shows how the Hex color B66D00 looks on a white background.

Color Contrast Check

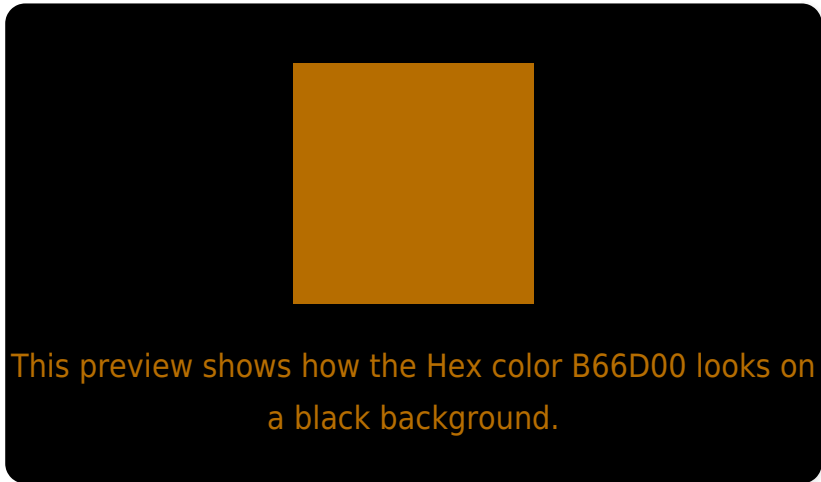
Large Text (above 18pt) WCAG AA ✓ Pass

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 B66D00 Background



This preview shows how black text looks on a background with the Hex color B66D00.



This preview shows how white text looks on a background with the Hex color B66D00.

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
B66D00

Protanopia
8F7F0E

Deuteranopia
A07800



Tritanopia
BA656D

Trichromacy



Original Color
B66D00

Protanomaly
9D7809

Deuteranomaly
A87400

Tritanomaly
B96845

Monochromacy



Original Color
B66D00

Achromatopsia
767676

Achromatomaly
8D734B

CSS Examples

Text

The CSS property to change the color of the text to Hex B66D00 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 #B66D00 looks like.

```
.text, #text, p{  
    color:#B66D00  
}
```

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 #B66D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B66D00
}
```

Border

The CSS property to change the border of an element to Hex B66D00 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
#B66D00 }
```

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

```
.border{ border-color:#B66D00 }
```

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

Here you see how a box with a 4 pixel #B66D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B66D00; -webkit-box-shadow:4px 4px  
4px 4px #B66D00; box-shadow:4px 4px 4px  
4px #B66D00 }
```

Background

The CSS property to change the background color of an element to Hex B66D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B66D00 }
```

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

```
.background{ background-color:#B66D00 }
```

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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