

Converting Colors

Hex(A66D2C)

Have a look what the booklet for
Hex(A66D2C) contains.

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Color

Hex(A66D2C)

Conversions

Conversions Part 1

Format	Color
Hex	A66D2C
RGB	166, 109, 44
RGB Percent	65%, 43%, 17%
CMY	0.3490, 0.5725, 0.8275
CMYK	0.00, 0.34, 0.73, 0.35
HSL	32°, 58%, 41%
HSV	32°, 73%, 65%
XYZ	21.6491, 19.2261, 4.9528
YIQ	118.6330, 54.8370, -8.1310

Conversions

Conversions Part 2

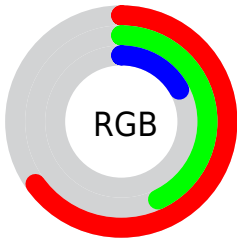
Format	Color
RYB	151, 166, 44
Decimal	10906924
CIELab	50.95, 16.77, 44.04
CIElCh	51, 47.125, 69.149
Yxy	19.2261, 0.4724, 0.4195
Android (android.graphics.Color)	4289097004 (0xFFA66D2C)
YUV	118.6330, -36.7941, 41.5409
Hunter-Lab	43.8476, 11.3986, 23.9962

Details

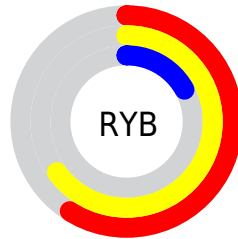
The Hex color **A66D2C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2C65A6**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **E1A15D**, and **6D3D00** is the 20% darker color. If you saturate the color by 10%, you get **A6651B**, and if you desaturate by 10%, it is **A6753D**.

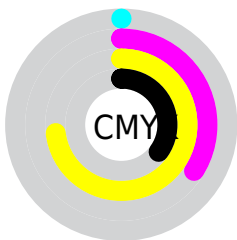
Distribution



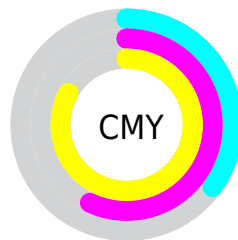
- Red (65%)
- Green (43%)
- Blue (17%)



- Red (59%)
- Yellow (65%)
- Blue (17%)



- Cyan (0%)
- Magenta (34%)
- Yellow (73%)
- Black (35%)



- Cyan (35%)
- Magenta (57%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color A66D2C 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 A66D2C by changing the saturation by 10% instead.

 A66D2C

 A66D2C

FFFFFF

 895513

 E1A15D

 6D3D00

 FFBC77

 522700

 FFD791

 371200

 FFF4AC

 210000

 FFFFC8

 000000

 FFFFE4

 A66D2C

 A66D2C

 A6651B

 A6753D

 A65D0B

 A67D4D

 A65800

 A6845E

 A68C6E

 A6947F

 A69C90

 A6A3A0

 A6ABB1

 A6B3C1

Harmonies

Analogous

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



BD5E49



A66D2C



847B24

Triad

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



A66D2C



008D85



8C6AB8

Complementary

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



A66D2C



2C65A6

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.



437AC9



A66D2C



008BAB

Square

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



A66D2C



008B5B



0085C4



B45A97

Rectangle

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



A66D2C



68822E



0085C4



786FC0

Sweetspot

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



A66D2C



D9C2A9



A62C67



6E6051



EDEDED



6E6E6E

Same Dimension

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



A66D2C



D9801A



A4A62C



54504C



944F00



140B00

Inverse Universe

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



2C65A6



1A73D9



2E2CA6



4C5054



004594



000A14

Previews

White Background



This preview shows how the Hex color A66D2C looks on a white background.

Color Contrast Check

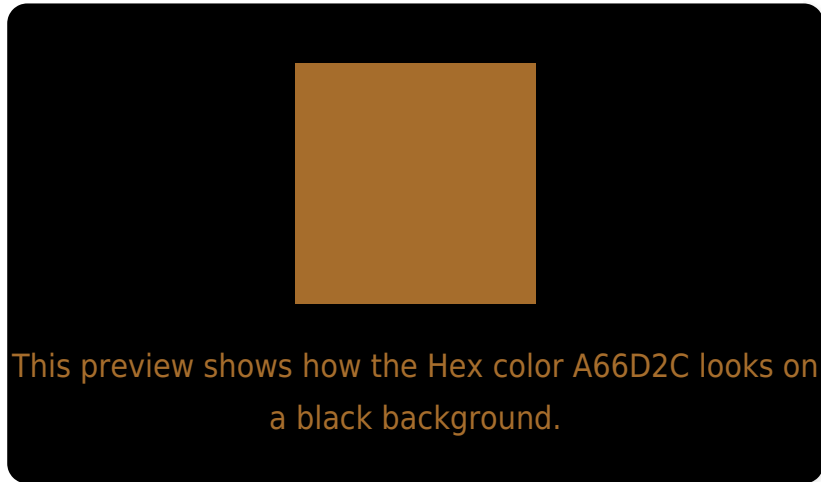
Large Text (above 18pt) WCAG AA ✓ Pass

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

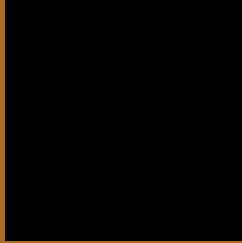
Any Text WCAG AA ✓ Pass

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 A66D2C Background



This preview shows how black text looks on a background with the Hex color A66D2C.



This preview shows how white text looks on a background with the Hex color A66D2C.

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
A66D2C

Protanopia
887A30

Deuteranopia
98742A

Trichromacy



Original Color
A66D2C

Protanomaly
93752F

Deuteranomaly
9D712B

Tritanomaly
A96956

Monochromacy



Original Color
A66D2C

Achromatopsia
777777

Achromatomaly
88735C

CSS Examples

Text

The CSS property to change the color of the text to Hex A66D2C 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 #A66D2C looks like.

```
.text, #text, p{  
    color:#A66D2C  
}
```

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 #A66D2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A66D2C
}
```

Border

The CSS property to change the border of an element to Hex A66D2C 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
#A66D2C }
```

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

```
.border{ border-color:#A66D2C }
```

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

Here you see how a box with a 4 pixel #A66D2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A66D2C; -webkit-box-shadow:4px 4px  
4px 4px #A66D2C; box-shadow:4px 4px 4px  
4px #A66D2C }
```

Background

The CSS property to change the background color of an element to Hex A66D2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A66D2C }
```

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

```
.background{ background-color:#A66D2C }
```

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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