

Converting Colors

Hex(6D2901)

Have a look what the booklet for
Hex(6D2901) contains.

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Color

Hex(6D2901)

Conversions

Conversions Part 1

Format	Color
Hex	6D2901
RGB	109, 41, 1
RGB Percent	43%, 16%, 0%
CMY	0.5725, 0.8392, 0.9961
CMYK	0.00, 0.62, 0.99, 0.57
HSL	22°, 98%, 22%
HSV	22°, 99%, 43%
XYZ	7.1051, 4.8393, 0.5883
YIQ	56.7720, 53.3680, 1.9760

Conversions

Conversions Part 2

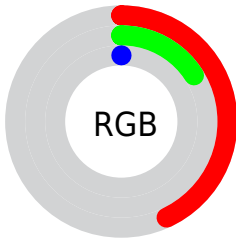
Format	Color
RYB	109, 65, 1
Decimal	7153921
CIELab	26.27, 28.42, 36.88
CIELCh	26, 46.561, 52.383
Yxy	4.8393, 0.5669, 0.3861
Android (android.graphics.Color)	4285344001 (0xFF6D2901)
YUV	56.7720, -27.4956, 45.8040
Hunter-Lab	21.9984, 19.1553, 13.8132

Details

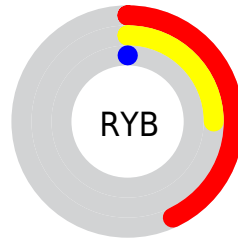
The Hex color **6D2901** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **01456D**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A65930**, and **360000** is the 20% darker color. If you saturate the color by 10%, you get **6D2800**, and if you desaturate by 10%, it is **6D300C**.

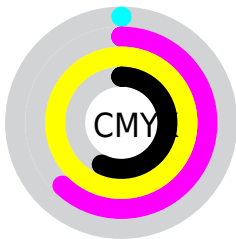
Distribution



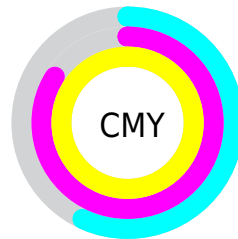
- Red (43%)
- Green (16%)
- Blue (0%)



- Red (43%)
- Yellow (25%)
- Blue (0%)



- Cyan (0%)
- Magenta (62%)
- Yellow (99%)
- Black (57%)



- Cyan (57%)
- Magenta (84%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6D2901 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 6D2901 by changing the saturation by 10% instead.

 6D2901

 6D2901

 FFFFE6

 511100

 A65930

 360000

 C47248

 190001

 E28C60

 000000

 FFA779

 FFC294

 FFDEAE

 FFFBCA

 6D2901

 6D2901

■ 6D2800

■ 6D300C

■ 6D3717

■ 6D3E22

■ 6D442D

■ 6D4B37

■ 6D5242

■ 6D594D

■ 6D6058

■ 6D6763

Harmonies

Analogous

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



7A1526



6D2901



553900

Triad

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



6D2901



004D34



233981

Complementary

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



6D2901



01456D

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.



004585



6D2901



004D58

Square

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



6D2901



004A0D



004C76



5F266A

Rectangle

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



6D2901



404100



004C76



003E84

Sweetspot

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



6D2901



8F7464



6D0145



47372E



C7C7C7



474747

Same Dimension

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



6D2901



8F3500



6D5F01



363230



752B00



F55B00

Inverse Universe

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



01456D



005A8F



010F6D



303436



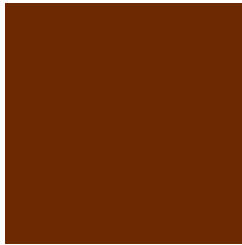
004A75



009AF5

Previews

White Background



This preview shows how the Hex color 6D2901 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

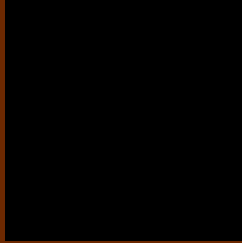
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 6D2901 Background



This preview shows how black text looks on a background with the Hex color 6D2901.



This preview shows how white text looks on a background with the Hex color 6D2901.

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
6D2901

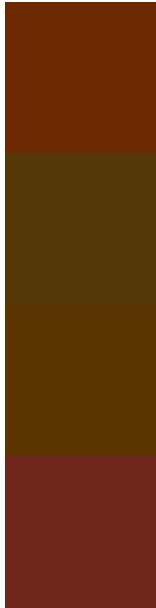
Protanopia
47400B

Deuteranopia
503C00



Tritanopia
6E2628

Trichromacy



Original Color
6D2901

Protanomaly
553807

Deuteranomaly
5B3500

Tritanomaly
6E271A

Monochromacy



Original Color
6D2901

Achromatopsia
393939

Achromatomaly
4C3325

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D2901 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 #6D2901 looks like.

```
.text, #text, p{  
    color:#6D2901  
}
```

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 #6D2901 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2901
}
```

Border

The CSS property to change the border of an element to Hex 6D2901 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
#6D2901 }
```

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

```
.border{ border-color:#6D2901 }
```

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

Here you see how a box with a 4 pixel #6D2901 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2901; -webkit-box-shadow:4px 4px  
4px 4px #6D2901; box-shadow:4px 4px 4px  
4px #6D2901 }
```

Background

The CSS property to change the background color of an element to Hex 6D2901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2901 }
```

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

```
.background{ background-color:#6D2901 }
```

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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