

Converting Colors

Hex(736028)

Have a look what the booklet for
Hex(736028) contains.

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Color

Hex(736028)

Conversions

Conversions Part 1

Format	Color
Hex	736028
RGB	115, 96, 40
RGB Percent	45%, 38%, 16%
CMY	0.5490, 0.6235, 0.8431
CMYK	0.00, 0.17, 0.65, 0.55
HSL	45°, 48%, 30%
HSV	45°, 65%, 45%
XYZ	11.6361, 12.1638, 3.7420
YIQ	95.2970, 29.3000, -13.3880

Conversions

Conversions Part 2

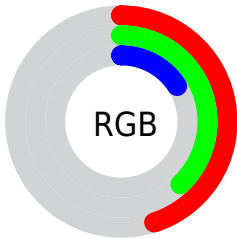
Format	Color
RYB	65, 115, 40
Decimal	7561256
CIELab	41.48, 0.53, 34.07
CIELCh	41, 34.075, 89.104
Yxy	12.1638, 0.4225, 0.4416
Android (android.graphics.Color)	4285751336 (0xFF736028)
YUV	95.2970, -27.2614, 17.2795
Hunter-Lab	34.8766, -1.4800, 18.0522

Details

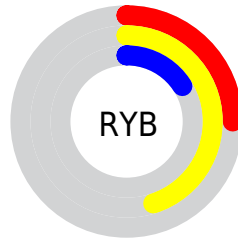
The Hex color **736028** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **283B73**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **A99258**, and **403200** is the 20% darker color. If you saturate the color by 10%, you get **735D1D**, and if you desaturate by 10%, it is **736333**.

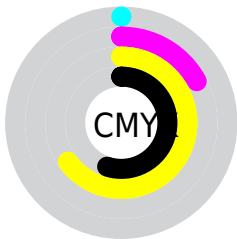
Distribution



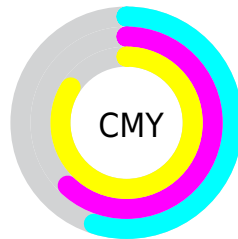
- Red (45%)
- Green (38%)
- Blue (16%)



- Red (25%)
- Yellow (45%)
- Blue (16%)



- Cyan (0%)
- Magenta (17%)
- Yellow (65%)
- Black (55%)



- Cyan (55%)
- Magenta (62%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 736028 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 736028 by changing the saturation by 10% instead.

 736028

 736028

FFFFFF

 594810

 A99258

 403200

 C5AD71

 281D00

 E2C88B

 0A0500

 FFE4A5

 000000

 FFFFC1

 FFFFDD

 FFFFF9

 736028

 736028

■ 735D1D

■ 736333

■ 735A11

■ 73663F

■ 735705

■ 73694B

■ 735600

■ 736C56

■ 736F62

■ 73716D

■ 737479

■ 737784

■ 737A90

Harmonies

Analogous

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



895632



736028



57682F

Triad

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



736028



00707C



84507F

Complementary

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



736028



283B73

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.



625B93



736028



006C91

Square

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



736028



007060



2C659A



944A64

Rectangle

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



736028



406C3C



2C659A



7A5387

Sweetspot

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



736028



968F78



73283C



4D483A



CCCCCC



4D4D4D

Same Dimension

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



736028



967921



627328



3B3935



7A5B00



FABB00

Inverse Universe

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



283B73



213F96



3A2873



35363B



001F7A



003FFA

Previews

White Background



This preview shows how the Hex color 736028 looks on a white background.

Color Contrast Check

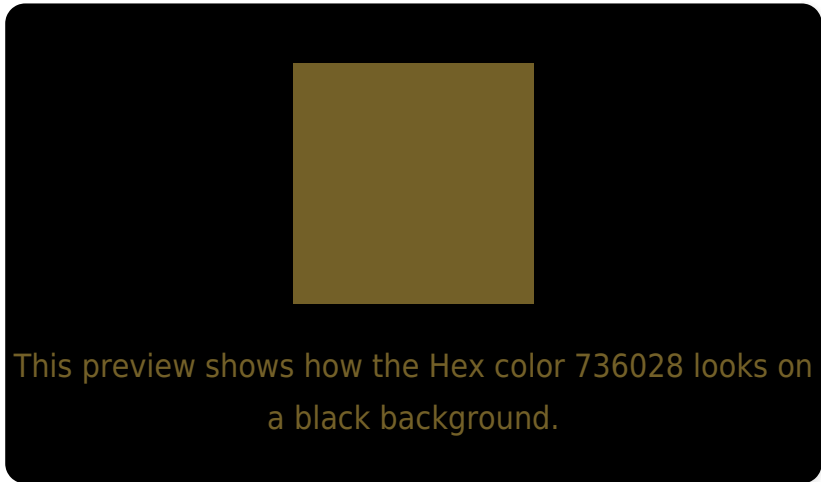
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

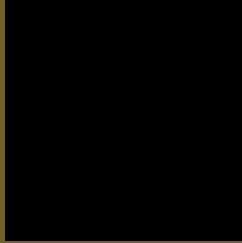
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 736028 Background



This preview shows how black text looks on a background with the Hex color 736028.



This preview shows how white text looks on a background with the Hex color 736028.

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
736028

Protanopia
6D6229

Deuteranopia
7A5D29



Tritanopia
785A61

Trichromacy



Original Color
736028

Protanomaly
6F6129

Deuteranomaly
775E29

Tritanomaly
765C4C

Monochromacy



Original Color
736028

Achromatopsia
5F5F5F

Achromatomaly
665F4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 736028 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 #736028 looks like.

```
.text, #text, p{  
    color:#736028  
}
```

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 #736028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736028
}
```

Border

The CSS property to change the border of an element to Hex 736028 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
#736028 }
```

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

```
.border{ border-color:#736028 }
```

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

Here you see how a box with a 4 pixel #736028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736028; -webkit-box-shadow:4px 4px  
4px 4px #736028; box-shadow:4px 4px 4px  
4px #736028 }
```

Background

The CSS property to change the background color of an element to Hex 736028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736028 }
```

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

```
.background{ background-color:#736028 }
```

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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