

Converting Colors

Hex(736728)

Have a look what the booklet for
Hex(736728) contains.

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Color

Hex(736728)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 736728 |
| RGB | 115, 103, 40 |
| RGB Percent | 45%, 40%, 16% |
| CMY | 0.5490, 0.5961, 0.8431 |
| CMYK | 0.00, 0.10, 0.65, 0.55 |
| HSL | 50°, 48%, 30% |
| HSV | 50°, 65%, 45% |
| XYZ | 12.3035, 13.4985, 3.9645 |
| YIQ | 99.4060, 27.3750, -17.0490 |

Conversions

Conversions Part 2

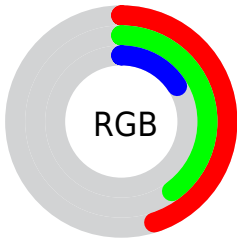
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 54, 115, 40 |
| Decimal | 7563048 |
| CIELab | 43.51, -3.56, 36.31 |
| CIELCh | 44, 36.480, 95.596 |
| Yxy | 13.4985, 0.4133, 0.4535 |
| Android (android.graphics.Color) | 4285753128 (0xFF736728) |
| YUV | 99.4060, -29.2872, 13.6759 |
| Hunter-Lab | 36.7404, -4.5202, 19.3205 |

Details

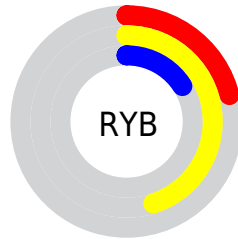
The Hex color **736728** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **283473**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **A99A58**, and **403800** is the 20% darker color. If you saturate the color by 10%, you get **73651D**, and if you desaturate by 10%, it is **736933**.

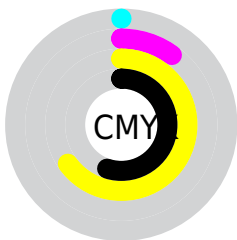
Distribution



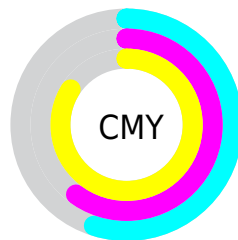
- Red (45%)
- Green (40%)
- Blue (16%)



- Red (21%)
- Yellow (45%)
- Blue (16%)



- Cyan (0%)
- Magenta (10%)
- Yellow (65%)
- Black (55%)



- Cyan (55%)
- Magenta (60%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 736728 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 736728 by changing the saturation by 10% instead.

 736728

 736728

FFFFFF

 594F10

 A99A58

 403800

 C5B571

 282300

 E2D08B

 0A0E00

 FFECA6

 000000

 FFFFC2

 FFFFDE

 FFFFFB

 736728

 736728

■ 73651D

■ 736933

■ 736311

■ 736B3F

■ 736105

■ 736D4B

■ 736100

■ 736E56

■ 737062

■ 73726D

■ 737479

■ 737684

■ 737890

Harmonies

Analogous

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



8C5C2F



736728



536F34

Triad

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



736728



007589



915180

Complementary

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



736728



283473

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.



705D98



736728



00719D

Square

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



736728



00766C



3B68A3



9F4D62

Rectangle

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



736728



397343



3B68A3



885589

Sweetspot

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



736728



969278



732835



4D4A3A



CCCCCC



4D4D4D

Same Dimension

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



736728



968421



5A7328



3B3A35



7A6700



FAD200

Inverse Universe

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



283473



213496



412873



35363B



00147A



0028FA

Previews

White Background



This preview shows how the Hex color 736728 looks on a white background.

Color Contrast Check

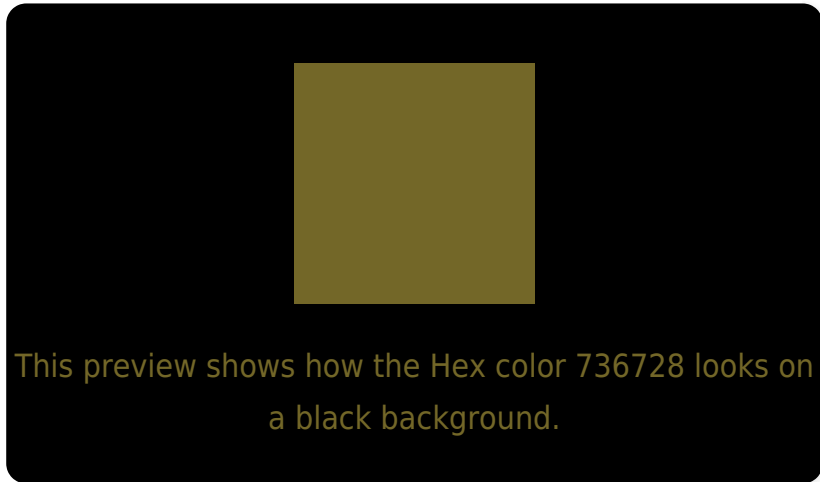
Large Text (above 18pt) WCAG AA ✓ Pass

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

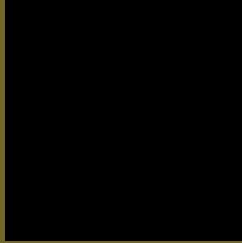
Any Text WCAG AA × Fail

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 736728 Background



This preview shows how black text looks on a background with the Hex color 736728.



This preview shows how white text looks on a background with the Hex color 736728.

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

736728

Protanopia

736728

Deuteranopia

80622A



Tritanopia
786168

Trichromacy



Original Color
736728

Protanomaly
736728

Deuteranomaly
7B6429

Tritanomaly
766351

Monochromacy



Original Color
736728

Achromatopsia
636363

Achromatomaly
69644E

CSS Examples

Text

The CSS property to change the color of the text to Hex 736728 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 #736728 looks like.

```
.text, #text, p{  
    color:#736728  
}
```

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 #736728 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736728
}
```

Border

The CSS property to change the border of an element to Hex 736728 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
#736728 }
```

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

```
.border{ border-color:#736728 }
```

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

Here you see how a box with a 4 pixel #736728 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736728; -webkit-box-shadow:4px 4px  
4px 4px #736728; box-shadow:4px 4px 4px  
4px #736728 }
```

Background

The CSS property to change the background color of an element to Hex 736728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736728 }
```

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

```
.background{ background-color:#736728 }
```

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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