

Converting Colors

Hex(738226)

Have a look what the booklet for
Hex(738226) contains.

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Color

Hex(738226)

Conversions

Conversions Part 1

Format	Color
Hex	738226
RGB	115, 130, 38
RGB Percent	45%, 51%, 15%
CMY	0.5490, 0.4902, 0.8510
CMYK	0.12, 0.00, 0.71, 0.49
HSL	70°, 55%, 33%
HSV	70°, 71%, 51%
XYZ	15.4027, 19.7500, 4.8341
YIQ	115.0270, 20.5920, -31.7920

Conversions

Conversions Part 2

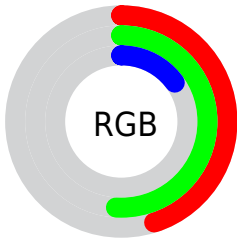
Format	Color
RYB	38, 130, 53
Decimal	7569958
CIELab	51.55, -18.58, 45.65
CIELCh	52, 49.289, 112.146
Yxy	19.7500, 0.3852, 0.4939
Android (android.graphics.Color)	4285760038 (0xFF738226)
YUV	115.0270, -37.9743, -0.0237
Hunter-Lab	44.4410, -15.9059, 24.6595

Details

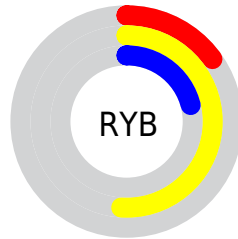
The Hex color **738226** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **352682**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A9B759**, and **405100** is the 20% darker color. If you saturate the color by 10%, you get **718219**, and if you desaturate by 10%, it is **758233**.

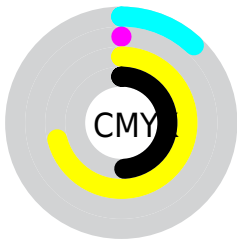
Distribution



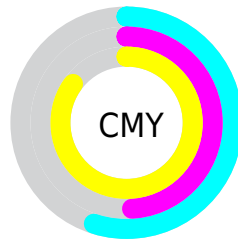
- Red (45%)
- Green (51%)
- Blue (15%)



- Red (15%)
- Yellow (51%)
- Blue (21%)



- Cyan (12%)
- Magenta (0%)
- Yellow (71%)
- Black (49%)



- Cyan (55%)
- Magenta (49%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 738226 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 738226 by changing the saturation by 10% instead.



738226



738226

FFFFFF



596908



A9B759



405100



C5D273



273A00



E2EF8D



0D2400



FFFFA8



000B00



FFFC4



000000



FFFFE1

FFFFFFE



738226



738226

■ 718219

■ 758233

■ 6F820C

■ 778240

■ 6D8200

■ 79824D

■ 7B825A

■ 7E8267

■ 808274

■ 828281

■ 84828E

■ 86829B

Harmonies

Analogous

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



9B7521



738226



3E8A45

Triad

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



738226



008CBD



C25588

Complementary

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



738226



352682

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.



A362AF



738226



0083CE

Square

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



738226



008F99



6874C9



C8575E

Rectangle

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



738226



008E5F



6874C9



BB5896

Sweetspot

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



738226



A3A885



823426



51543F



D4D4D4



545454

Same Dimension

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



738226



91A819



468226



3F4039



6B8000



000000

Inverse Universe

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



352682



3119A8



622682



3A3940



150080



000000

Previews

White Background



This preview shows how the Hex color 738226 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 738226 Background



This preview shows how black text looks on a background with the Hex color 738226.



This preview shows how white text looks on a background with the Hex color 738226.

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
738226

Protanopia
8A7B24

Deuteranopia
99752B



Tritanopia
7C7983

Trichromacy



Original Color
738226

Protanomaly
827E25

Deuteranomaly
8B7A29

Tritanomaly
797C61

Monochromacy



Original Color
738226

Achromatopsia
737373

Achromatomaly
737857

CSS Examples

Text

The CSS property to change the color of the text to Hex 738226 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 #738226 looks like.

```
.text, #text, p{  
    color:#738226  
}
```

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 #738226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #738226
}
```

Border

The CSS property to change the border of an element to Hex 738226 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
#738226 }
```

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

```
.border{ border-color:#738226 }
```

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

Here you see how a box with a 4 pixel #738226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #738226; -webkit-box-shadow:4px 4px  
4px 4px #738226; box-shadow:4px 4px 4px  
4px #738226 }
```

Background

The CSS property to change the background color of an element to Hex 738226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#738226 }
```

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

```
.background{ background-color:#738226 }
```

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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