

Converting Colors

Hex(747D20)

Have a look what the booklet for
Hex(747D20) contains.

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Color

Hex(747D20)

Conversions

Conversions Part 1

Format	Color
Hex	747D20
RGB	116, 125, 32
RGB Percent	45%, 49%, 13%
CMY	0.5451, 0.5098, 0.8745
CMYK	0.07, 0.00, 0.74, 0.51
HSL	66°, 59%, 31%
HSV	66°, 74%, 49%
XYZ	14.7968, 18.4845, 4.1545
YIQ	111.7070, 24.4890, -30.8310

Conversions

Conversions Part 2

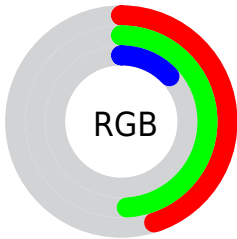
Format	Color
R _Y B	32, 125, 41
Decimal	7634208
CIE Lab	50.08, -15.85, 46.60
CIE LCh	50, 49.218, 108.781
Yxy	18.4845, 0.3953, 0.4938
Android (android.graphics.Color)	4285824288 (0xFF747D20)
YUV	111.7070, -39.2956, 3.7650
Hunter-Lab	42.9936, -13.8059, 24.3663

Details

The Hex color **747D20** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **29207D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **AAB153**, and **414C00** is the 20% darker color. If you saturate the color by 10%, you get **737D13**, and if you desaturate by 10%, it is **757D2D**.

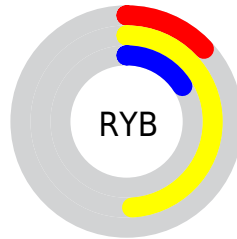
Distribution



Red (45%)

Green (49%)

Blue (13%)



Red (13%)

Yellow (49%)

Blue (16%)

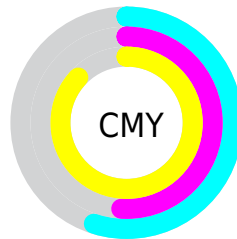


Cyan (7%)

Magenta (0%)

Yellow (74%)

Black (51%)



Cyan (55%)

Magenta (51%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747D20 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 747D20 by changing the saturation by 10% instead.

 747D20

 747D20

FFFFFF

 5A6400

 AAB153

 414C00

 C7CD6D

 283600

 E3E988

 0E2000

 FFFFA3

 000100

 FFFFBE

 000000

 FFFFDB

 FFFFF8

 747D20

 747D20

■ 737D13

■ 757D2D

■ 727D07

■ 767D39

■ 717D00

■ 787D46

■ 797D52

■ 7A7D5E

■ 7B7D6B

■ 7C7D77

■ 7E7D84

■ 7F7D91

Harmonies

Analogous

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



9A6F1F



747D20



42863D

Triad

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



747D20



0088B5



BB5289

Complementary

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



747D20



29207D

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.



9A61AF



747D20



0080C9

Square

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



747D20



008B91



5B72C7



C3525F

Rectangle

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



747D20



008957



5B72C7



B35696

Sweetspot

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



747D20



A0A37F



7D2820



50523C



D1D1D1



525252

Same Dimension

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



747D20



95A312



477D20



3F4039



738000



000000

Inverse Universe

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



29207D



2012A3



56207D



3A3940



0C0080



000000

Previews

White Background



This preview shows how the Hex color 747D20 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

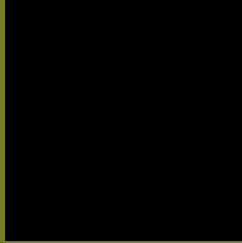
Any Text WCAG AA ✓ Pass

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 747D20 Background



This preview shows how black text looks on a background with the Hex color 747D20.



This preview shows how white text looks on a background with the Hex color 747D20.

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

747D20

Protanopia

86771F

Deuteranopia

957125



Tritanopia
7D757E

Trichromacy



Original Color
747D20

Protanomaly
7F791F

Deuteranomaly
897523

Tritanomaly
7A785C

Monochromacy



Original Color
747D20

Achromatopsia
707070

Achromatomaly
717553

CSS Examples

Text

The CSS property to change the color of the text to Hex 747D20 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 #747D20 looks like.

```
.text, #text, p{  
    color:#747D20  
}
```

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 #747D20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747D20
}
```

Border

The CSS property to change the border of an element to Hex 747D20 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
#747D20 }
```

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

```
.border{ border-color:#747D20 }
```

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

Here you see how a box with a 4 pixel #747D20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747D20; -webkit-box-shadow:4px 4px  
4px 4px #747D20; box-shadow:4px 4px 4px  
4px #747D20 }
```

Background

The CSS property to change the background color of an element to Hex 747D20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747D20 }
```

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

```
.background{ background-color:#747D20 }
```

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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