

# Converting Colors

Hex(734A10)

Have a look what the booklet for  
Hex(734A10) contains.

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**Color**

**Hex(734A10)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	734A10
RGB	115, 74, 16
RGB Percent	45%, 29%, 6%
CMY	0.5490, 0.7098, 0.9373
CMYK	0.00, 0.36, 0.86, 0.55
HSL	35°, 76%, 26%
HSV	35°, 86%, 45%
XYZ	9.6125, 8.5798, 1.6396
YIQ	79.6470, 43.0540, -9.3460

# Conversions

## Conversions Part 2

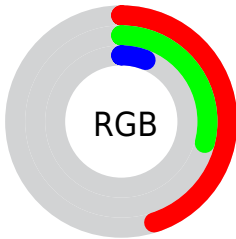
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	86, 115, 16
Decimal	7555600
CIE Lab	35.16, 12.43, 38.82
CIE LCh	35, 40.763, 72.251
Yxy	8.5798, 0.4847, 0.4326
Android (android.graphics.Color)	4285745680 (0xFF734A10)
YUV	79.6470, -31.3780, 31.0046
Hunter-Lab	29.2913, 7.3186, 17.1850

# Details

The Hex color **734A10** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **103973**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **AB7B40**, and **3E1E00** is the 20% darker color. If you saturate the color by 10%, you get **734504**, and if you desaturate by 10%, it is **734F1B**.

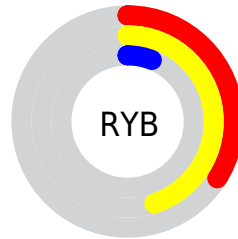
# Distribution



Red (45%)

Green (29%)

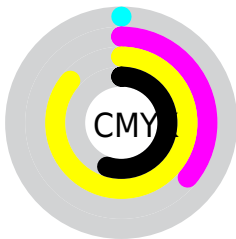
Blue (6%)



Red (34%)

Yellow (45%)

Blue (6%)

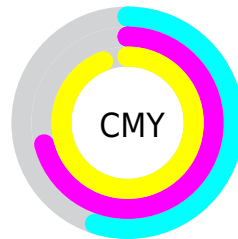


Cyan (0%)

Magenta (36%)

Yellow (86%)

Black (55%)



Cyan (55%)

Magenta (71%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 734A10 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 734A10 by changing the saturation by 10% instead.



 734A10

 734A10

 FFFFFB

 583300

 AB7B40

 3E1E00

 C89459

 250800

 E5AF72

 000000

 FFCA8C

 FFE7A7

 FFFFC2

 FFFFDE

 734A10

 734A10

■ 734504

■ 734F1B

■ 734300

■ 735427

■ 735832

■ 735D3E

■ 736249

■ 736755

■ 736B61

■ 73706C

■ 737578

# Harmonies

## Analogous

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



873D28



734A10



575509

# Triad

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



734A10



006260



654483

# Complementary

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



734A10



103973

# 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.



295293



734A10



00617E

# Square

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



734A10



00613E



005C91



833767

# Rectangle

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



734A10



405B16



005C91



56498A



# Sweetspot

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



734A10



96866F



731039



4D4335



CCCCCC



4D4D4D



# Same Dimension

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



734A10



965800



6B7310



3B3835



7A4800



FA9200



# Inverse Universe

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



103973



003E96



181073



35373B



00337A



0067FA



# Previews

## White Background



This preview shows how the Hex color 734A10 looks on a white background.

## Color Contrast Check

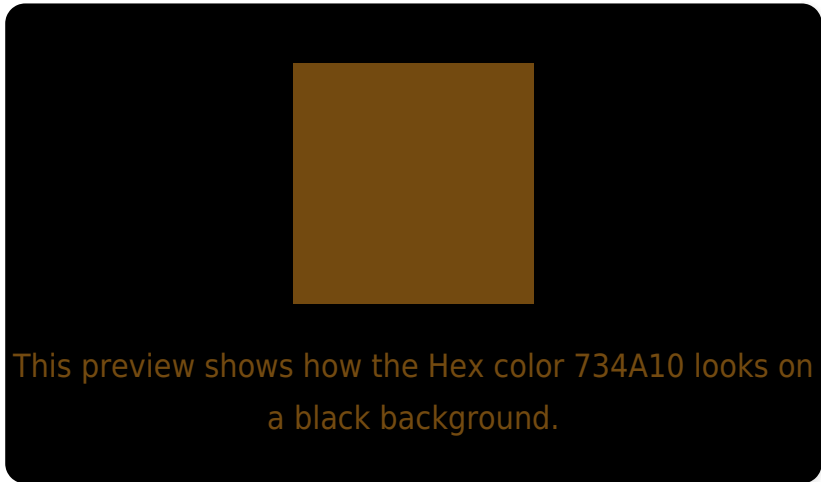
Large Text (above 18pt) WCAG AA ✓ Pass

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 734A10 Background



This preview shows how black text looks on a background with the Hex color 734A10.



This preview shows how white text looks on a background with the Hex color 734A10.

# 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**  
734A10

**Protanopia**  
5E5312

**Deuteranopia**  
694F0D



**Tritanopia**  
76454A

# Trichromacy



**Original Color**  
734A10

**Protanomaly**  
665011

**Deuteranomaly**  
6D4D0E

**Tritanomaly**  
754735

# Monochromacy



**Original Color**  
734A10

**Achromatopsia**  
505050

**Achromatomaly**  
5D4E39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 734A10 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 #734A10 looks like.

```
.text, #text, p{  
    color:#734A10  
}
```

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 #734A10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #734A10
}
```

## Border

The CSS property to change the border of an element to Hex 734A10 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
#734A10 }
```

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

```
.border{ border-color:#734A10 }
```

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

Here you see how a box with a 4 pixel #734A10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #734A10; -webkit-box-shadow:4px 4px  
4px 4px #734A10; box-shadow:4px 4px 4px  
4px #734A10 }
```

# Background

The CSS property to change the background color of an element to Hex 734A10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#734A10 }
```

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

```
.background{ background-color:#734A10 }
```

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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