

Converting Colors

Hex(EC7331)

Have a look what the booklet for
Hex(EC7331) contains.

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Color

Hex(EC7331)

Conversions

Conversions Part 1

Format	Color
Hex	EC7331
RGB	236, 115, 49
RGB Percent	93%, 45%, 19%
CMY	0.0745, 0.5490, 0.8078
CMYK	0.00, 0.51, 0.79, 0.07
HSL	21°, 83%, 56%
HSV	21°, 79%, 93%
XYZ	41.2772, 30.3161, 6.5818
YIQ	143.6550, 93.3020, 5.1260

Conversions

Conversions Part 2

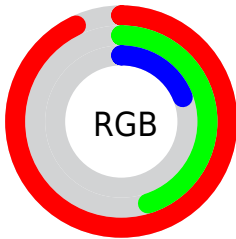
Format	Color
R _Y B	236, 151, 49
Decimal	15495985
CIE Lab	61.93, 42.75, 55.86
CIE LCh	62, 70.346, 52.573
Yxy	30.3161, 0.5280, 0.3878
Android (android.graphics.Color)	4293686065 (0xFFEC7331)
YUV	143.6550, -46.6649, 80.9866
Hunter-Lab	55.0600, 37.4620, 31.4546

Details

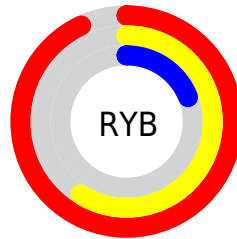
The Hex color **EC7331** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **31AAEC**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFA964**, and **AD3F00** is the 20% darker color. If you saturate the color by 10%, you get **EC6419**, and if you desaturate by 10%, it is **EC8249**.

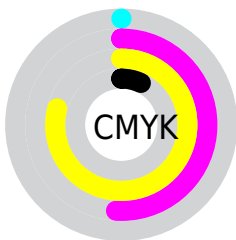
Distribution



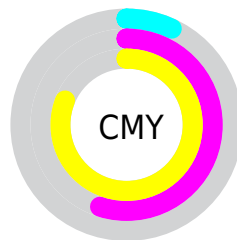
- Red (93%)
- Green (45%)
- Blue (19%)



- Red (93%)
- Yellow (59%)
- Blue (19%)



- Cyan (0%)
- Magenta (51%)
- Yellow (79%)
- Black (7%)



- Cyan (7%)
- Magenta (55%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC7331 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 EC7331 by changing the saturation by 10% instead.

 EC7331

 EC7331

FFFFFF

 CC5916

 FFA964

 AD3F00

 FFC57E

 8F2500

 FFE199

 700300

 FFFFB4

 530000

 FFFF00

 380001

 FFFFED

 130000

 000000

 EC7331

 EC7331

 EC6419

 EC8249

 EC5402

 EC9260

 EC5300

 ECA178

 ECB08F

 ECBFA7

 ECCFBF

 ECDED6

 ECEDEE

 ECFCFF

Harmonies

Analogous

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



FF5A6A



EC7331



C08D00

Triad

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



EC7331



00B184



748CFF

Complementary

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



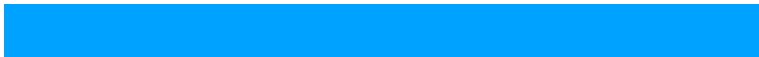
EC7331



31AAEC

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.



00A2FF



EC7331



00B2C4

Square

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



EC7331



2AAC44



00AEF8



D16EE2

Rectangle

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



EC7331



9B9B00



00AEF8



3394FF

Sweetspot

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



EC7331



FFD7C2



EC31AB



80685B



000000



808080

Same Dimension

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



EC7331



FF620D



ECD031



756E6A



B54000



361300

Inverse Universe

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



31AAEC



0DA9FF



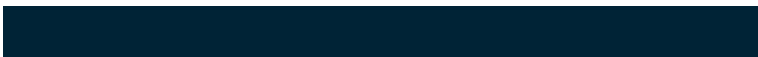
314DEC



6A7175



0075B5



002336

Previews

White Background



This preview shows how the Hex color EC7331 looks on a white background.

Color Contrast Check

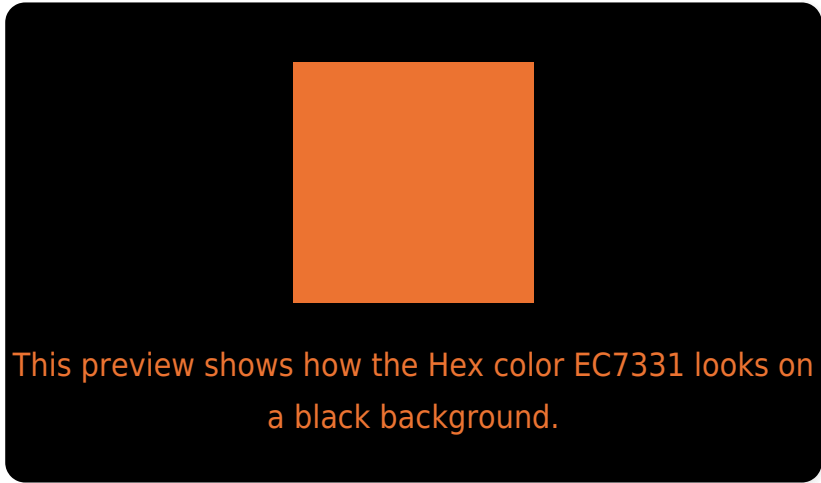
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex EC7331 Background



This preview shows how black text looks on a background with the Hex color EC7331.

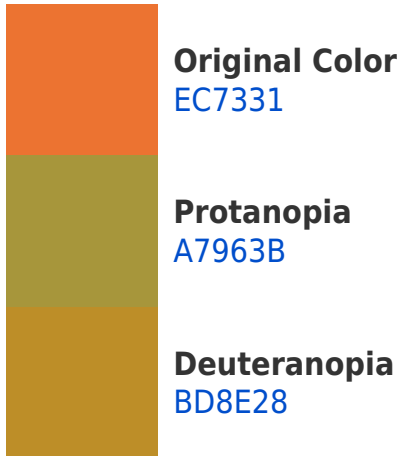



This preview shows how white text looks on a background with the Hex color EC7331.

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





Tritanopia
EF6C73

Trichromacy



Original Color
EC7331

Protanomaly
C08937

Deuteranomaly
CE842B

Tritanomaly
EE6F5B

Monochromacy



Original Color
EC7331

Achromatopsia
909090

Achromatomaly
B1856D

CSS Examples

Text

The CSS property to change the color of the text to Hex EC7331 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 #EC7331 looks like.

```
.text, #text, p{  
    color:#EC7331  
}
```

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 #EC7331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC7331
}
```

Border

The CSS property to change the border of an element to Hex EC7331 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
#EC7331 }
```

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

```
.border{ border-color:#EC7331 }
```

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

Here you see how a box with a 4 pixel #EC7331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC7331; -webkit-box-shadow:4px 4px  
4px 4px #EC7331; box-shadow:4px 4px 4px  
4px #EC7331 }
```

Background

The CSS property to change the background color of an element to Hex EC7331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC7331 }
```

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

```
.background{ background-color:#EC7331 }
```

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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