

Converting Colors

Hex(F29530)

Have a look what the booklet for
Hex(F29530) contains.

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Color

Hex(F29530)

Conversions

Conversions Part 1

Format	Color
Hex	F29530
RGB	242, 149, 48
RGB Percent	95%, 58%, 19%
CMY	0.0510, 0.4157, 0.8118
CMYK	0.00, 0.38, 0.80, 0.05
HSL	31°, 88%, 57%
HSV	31°, 80%, 95%
XYZ	47.8989, 40.5855, 8.1056
YIQ	165.2930, 87.8490, -11.6950

Conversions

Conversions Part 2

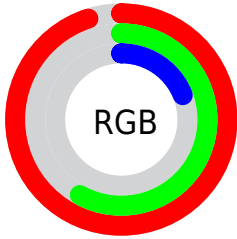
Format	Color
R _Y B	227, 242, 48
Decimal	15897904
CIE Lab	69.88, 27.70, 63.94
CIE LCh	70, 69.685, 66.578
Yxy	40.5855, 0.4959, 0.4202
Android (android.graphics.Color)	4294087984 (0xFFFF29530)
YUV	165.2930, -57.8254, 67.2720
Hunter-Lab	63.7068, 22.7210, 37.0512

Details

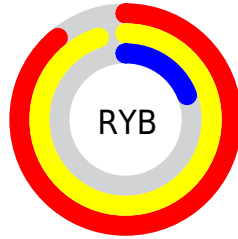
The Hex color **F29530** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **308DF2**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFCB66**, and **B46200** is the 20% darker color. If you saturate the color by 10%, you get **F28918**, and if you desaturate by 10%, it is **F2A148**.

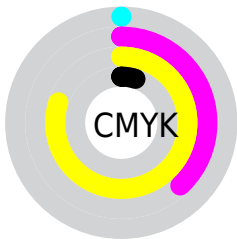
Distribution



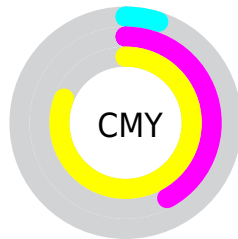
- Red (95%)
- Green (58%)
- Blue (19%)



- Red (89%)
- Yellow (95%)
- Blue (19%)



- Cyan (0%)
- Magenta (38%)
- Yellow (80%)
- Black (5%)



- Cyan (5%)
- Magenta (42%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color F29530 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 F29530 by changing the saturation by 10% instead.

 F29530

 F29530

FFFFFF

 D37B0F

 FFCB66

 B46200

 FFE881

 964900

 FFFF9C

 783200

 FFFFB8

 5B1B00

 FFFFD5

 3F0300

 FFFFF2

 280001

 000000

 F29530

 F29530

 F28918

 F2A148

 F27E00

 F2AC60

 F2B879

 F2C391

 F2CFA9

 F2DBC1

 F2E6D9

 F2F2F2

 F2FDFF

Harmonies

Analogous

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



FF7B63



F29530



BEAC16

Triad

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



F29530



00C9B7



BF94FF

Complementary

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



F29530



308DF2

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.



1DAEFF



F29530



00C7F5

Square

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



F29530



00C576



00BFFF



FF78DE

Rectangle

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



F29530



93B82B



00BFFF



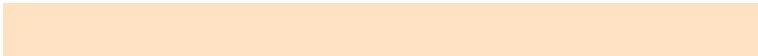
9D9DFF

Sweetspot

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



F29530



FFE2C2



F2308E



806E5B



000000



808080

Same Dimension

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



F29530



FF8A0A



EFF230



78726C



B86000



381D00

Inverse Universe

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



308DF2



0A80FF



3330F2



6C7278



0058B8



001B38

Previews

White Background



This preview shows how the Hex color F29530 looks on a white background.

Color Contrast Check

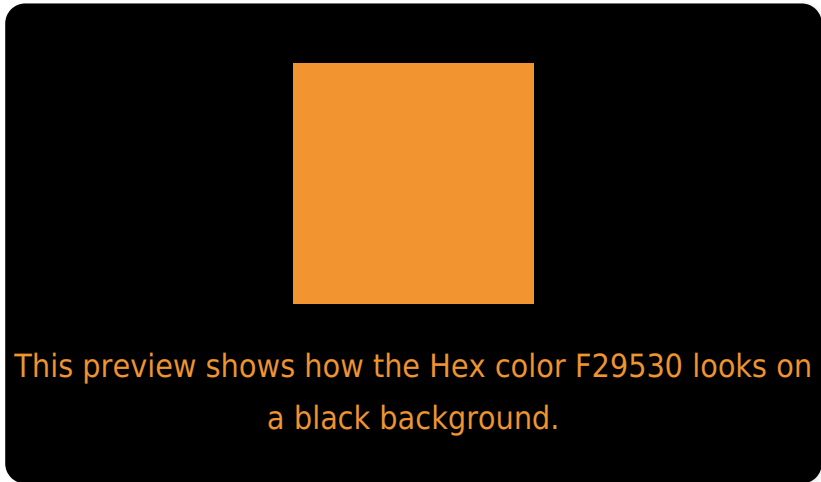
Large Text (above 18pt) WCAG AA × Fail

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 F29530 Background



This preview shows how black text looks on a background with the Hex color F29530.



This preview shows how white text looks on a background with the Hex color F29530.

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
F29530

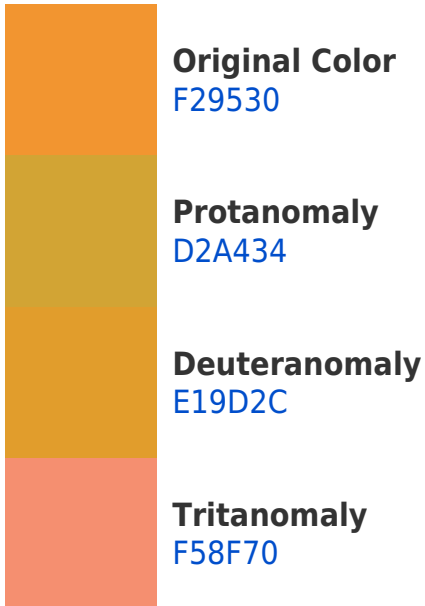
Protanopia
C0AC36

Deuteranopia
D7A22A

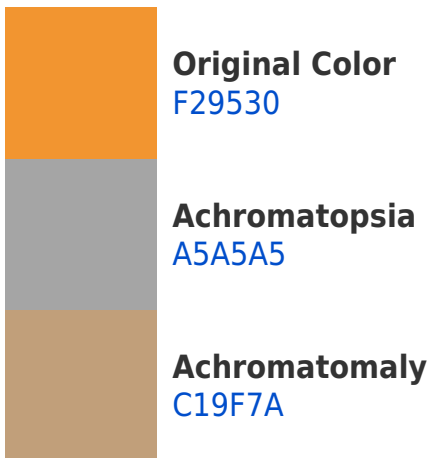


Tritanopia
F78B95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F29530 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 #F29530 looks like.

```
.text, #text, p{  
    color:#F29530  
}
```

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 #F29530 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F29530
}
```

Border

The CSS property to change the border of an element to Hex F29530 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
#F29530 }
```

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

```
.border{ border-color:#F29530 }
```

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

Here you see how a box with a 4 pixel #F29530 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F29530; -webkit-box-shadow:4px 4px  
4px 4px #F29530; box-shadow:4px 4px 4px  
4px #F29530 }
```

Background

The CSS property to change the background color of an element to Hex F29530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F29530 }
```

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

```
.background{ background-color:#F29530 }
```

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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