

Converting Colors

Hex(E66F29)

Have a look what the booklet for
Hex(E66F29) contains.

Hex(E66F29)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E66F29)

Conversions

Conversions Part 1

Format	Color
Hex	E66F29
RGB	230, 111, 41
RGB Percent	90%, 44%, 16%
CMY	0.0980, 0.5647, 0.8392
CMYK	0.00, 0.52, 0.82, 0.10
HSL	22°, 79%, 53%
HSV	22°, 82%, 90%
XYZ	38.7178, 28.3520, 5.5296
YIQ	138.6010, 93.3940, 3.4580

Conversions

Conversions Part 2

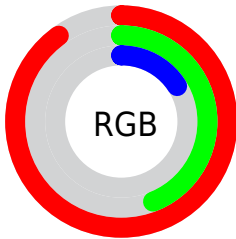
Format	Color
R_{YB}	230, 152, 41
Decimal	15101737
CIE _{Lab}	60.21, 42.18, 57.32
CIE _{LCh}	60, 71.168, 53.657
Yxy	28.3520, 0.5333, 0.3905
Android (android.graphics.Color)	4293291817 (0xFFE66F29)
YUV	138.6010, -48.1173, 80.1569
Hunter-Lab	53.2466, 36.6133, 31.1153

Details

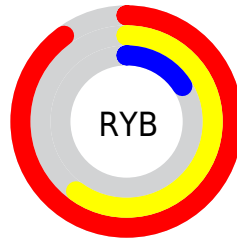
The Hex color **E66F29** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **29A0E6**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFA55C**, and **A73B00** is the 20% darker color. If you saturate the color by 10%, you get **E66112**, and if you desaturate by 10%, it is **E67D40**.

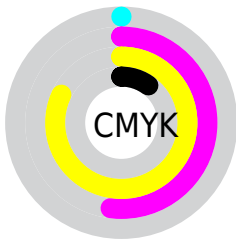
Distribution



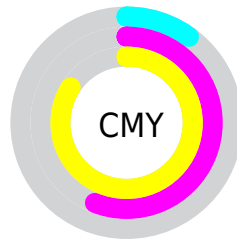
- Red (90%)
- Green (44%)
- Blue (16%)



- Red (90%)
- Yellow (60%)
- Blue (16%)



- Cyan (0%)
- Magenta (52%)
- Yellow (82%)
- Black (10%)



- Cyan (10%)
- Magenta (56%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color E66F29 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 E66F29 by changing the saturation by 10% instead.

 E66F29

 E66F29

FFFFFF

 C6550B

 FFA55C

 A73B00

 FFC176

 892100

 FFDD91

 6A0000

 FFFAAC

 4D0000

 FFFFC8

 340002

 FFFF E5

 000000

 E66F29

 E66F29

 E66112

 E67D40

 E65500

 E68C57

 E69A6E

 E6A985

 E6B79C

 E6C6B3

 E6D4CA

 E6E3E1

 E6F1F8

Harmonies

Analogous

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



FE5463



E66F29



B98A00

Triad

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



E66F29



00AD81



7386FF

Complementary

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



E66F29



29A0E6

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.



009DFF



E66F29



00ADC2

Square

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



E66F29



14A741



00A9F6



CF68DC

Rectangle

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



E66F29



939700



00A9F6



318FFF

Sweetspot

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



E66F29



FFD7BF



E629A1



806759



000000



808080

Same Dimension

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



E66F29



FF6003



E6CD29



736C67



B34200



331300

Inverse Universe

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



29A0E6



03A1FF



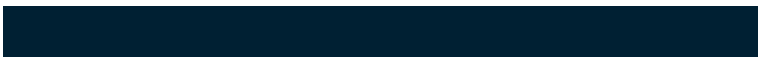
2942E6



676E73



0070B3



002033

Previews

White Background



This preview shows how the Hex color E66F29 looks on a white background.

Color Contrast Check

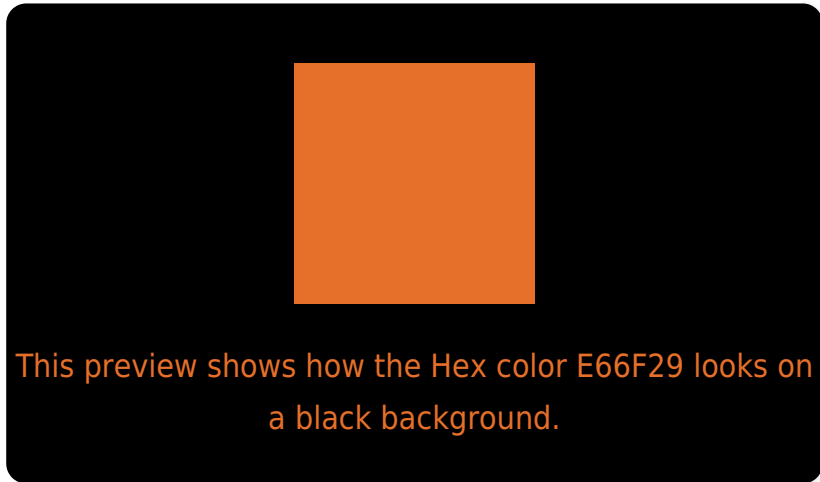
Large Text (above 18pt) WCAG AA ✓ Pass

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 E66F29 Background



This preview shows how black text looks on a background with the Hex color E66F29.



This preview shows how white text looks on a background with the Hex color E66F29.

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
E66F29

Protanopia
A39232

Deuteranopia
B78A1E



Tritanopia
E9686F

Trichromacy



Original Color
E66F29

Protanomaly
BB852F

Deuteranomaly
C88022

Tritanomaly
E86B56

Monochromacy



Original Color
E66F29

Achromatopsia
8B8B8B

Achromatomaly
AC8167

CSS Examples

Text

The CSS property to change the color of the text to Hex E66F29 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 #E66F29 looks like.

```
.text, #text, p{  
    color:#E66F29  
}
```

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 #E66F29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E66F29
}
```

Border

The CSS property to change the border of an element to Hex E66F29 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
#E66F29 }
```

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

```
.border{ border-color:#E66F29 }
```

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

Here you see how a box with a 4 pixel #E66F29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E66F29; -webkit-box-shadow:4px 4px  
4px 4px #E66F29; box-shadow:4px 4px 4px  
4px #E66F29 }
```

Background

The CSS property to change the background color of an element to Hex E66F29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E66F29 }
```

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

```
.background{ background-color:#E66F29 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor