

Converting Colors

Hex(2EAC26)

Have a look what the booklet for
Hex(2EAC26) contains.

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Color

Hex(2EAC26)

Conversions

Conversions Part 1

Format	Color
Hex	2EAC26
RGB	46, 172, 38
RGB Percent	18%, 67%, 15%
CMY	0.8196, 0.3255, 0.8510
CMYK	0.73, 0.00, 0.78, 0.33
HSL	116°, 64%, 41%
HSV	116°, 78%, 67%
XYZ	16.2291, 30.2258, 6.8125
YIQ	119.0500, -32.0820, -68.3860

Conversions

Conversions Part 2

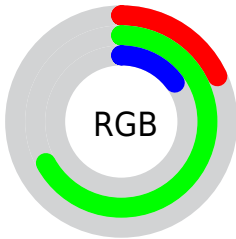
Format	Color
RYB	38, 172, 164
Decimal	3058726
CIELab	61.85, -58.17, 54.82
CIELCh	62, 79.930, 136.694
Yxy	30.2258, 0.3047, 0.5674
Android (android.graphics.Color)	4281248806 (0xFF2EAC26)
YUV	119.0500, -39.9577, -64.0648
Hunter-Lab	54.9780, -43.5197, 31.1378

Details

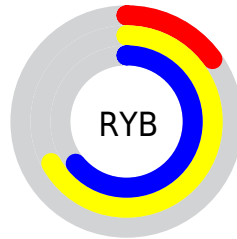
The Hex color **2EAC26** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A426AC**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **70E55D**, and **007600** is the 20% darker color. If you saturate the color by 10%, you get **1EAC15**, and if you desaturate by 10%, it is **3EAC37**.

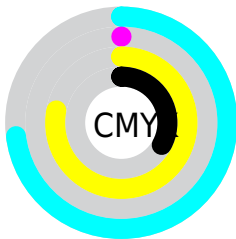
Distribution



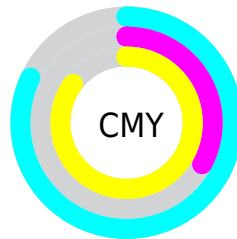
- Red (18%)
- Green (67%)
- Blue (15%)



- Red (15%)
- Yellow (67%)
- Blue (64%)



- Cyan (73%)
- Magenta (0%)
- Yellow (78%)
- Black (33%)



- Cyan (82%)
- Magenta (33%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EAC26 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 2EAC26 by changing the saturation by 10% instead.

 2EAC26

 2EAC26

FFFFFF

 009100

 70E55D

 007600

 8EFF78

 005C00

 ABFF94

 004300

 C9FFAF

 002D00

 E7FFCC

 000C00

 FFFFE9

 000000

 2EAC26

 2EAC26

 1EAC15

 3EAC37

 0EAC04

 4EAC48

 0AAC00

 5FAC5A

 6FAC6B

 7FAC7C

 8FAC8D

 9FAC9E

 AFACB0

 C0ACC1

Harmonies

Analogous

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



8F9E00



2EAC26



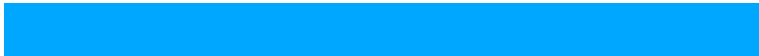
00B372

Triad

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



2EAC26



00A7FF



FF4571

Complementary

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



2EAC26



A426AC

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.



FF49B8



2EAC26



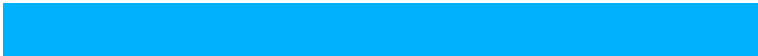
3590FF

Square

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



2EAC26



00B2FC



C86EF8



FC652E

Rectangle

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



2EAC26



00B5A4



C86EF8



FF4089

Sweetspot

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



2EAC26



B0E0AD



ACA326



537051



F0F0F0



707070

Same Dimension

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



2EAC26



1CE010



26AC60



4F574E



099600



011700

Inverse Universe

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



A426AC



D410E0



AC2672



564E57



8D0096



160017

Previews

White Background



This preview shows how the Hex color 2EAC26 looks on a white background.

Color Contrast Check

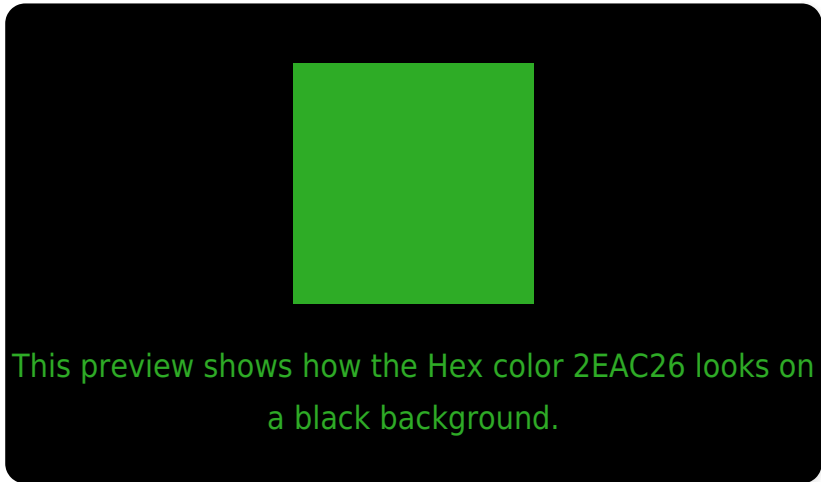
Large Text (above 18pt) WCAG AA × Fail

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 2EAC26 Background



This preview shows how black text looks on a background with the Hex color 2EAC26.

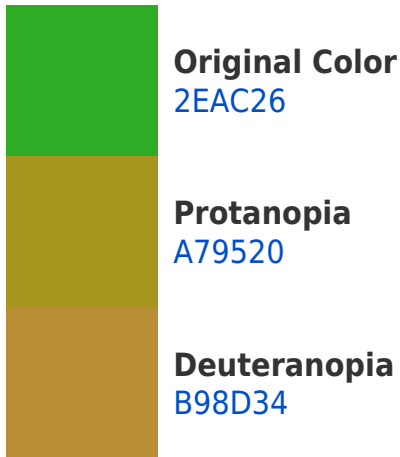


This preview shows how white text looks on a background with the Hex color 2EAC26.

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
53A0AD

Trichromacy



Original Color
2EAC26



Protanomaly
7B9D22



Deuteranomaly
86982F



Tritanomaly
46A47C

Monochromacy



Original Color
2EAC26



Achromatopsia
777777



Achromatomaly
5C8A5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EAC26 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 #2EAC26 looks like.

```
.text, #text, p{  
    color:#2EAC26  
}
```

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 #2EAC26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EAC26
}
```

Border

The CSS property to change the border of an element to Hex 2EAC26 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
#2EAC26 }
```

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

```
.border{ border-color:#2EAC26 }
```

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

Here you see how a box with a 4 pixel #2EAC26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EAC26; -webkit-box-shadow:4px 4px  
4px 4px #2EAC26; box-shadow:4px 4px 4px  
4px #2EAC26 }
```

Background

The CSS property to change the background color of an element to Hex #2EAC26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EAC26 }
```

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

```
.background{ background-color:#2EAC26 }
```

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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