

Converting Colors

Hex(E2B354)

Have a look what the booklet for
Hex(E2B354) contains.

Hex(E2B354)	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(E2B354)

Conversions

Conversions Part 1

Format	Color
Hex	E2B354
RGB	226, 179, 84
RGB Percent	89%, 70%, 33%
CMY	0.1137, 0.2980, 0.6706
CMYK	0.00, 0.21, 0.63, 0.11
HSL	40°, 71%, 61%
HSV	40°, 63%, 89%
XYZ	49.0844, 49.0490, 15.2679
YIQ	182.2230, 58.5070, -19.5810

Conversions

Conversions Part 2

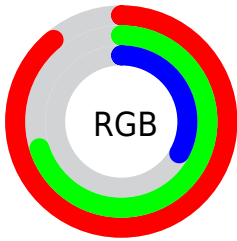
Format	Color
RYB	154, 226, 84
Decimal	14857044
CIELab	75.48, 6.83, 53.82
CIELCh	75, 54.254, 82.768
Yxy	49.0490, 0.4328, 0.4325
Android (android.graphics.Color)	4293047124 (0xFFE2B354)
YUV	182.2230, -48.4239, 38.3924
Hunter-Lab	70.0350, 2.5412, 36.0991

Details

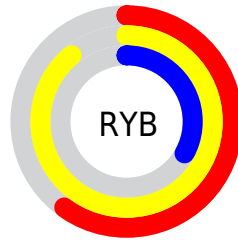
The Hex color **E2B354** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5483E2**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFEB89**, and **A77F1F** is the 20% darker color. If you saturate the color by 10%, you get **E2AC3D**, and if you desaturate by 10%, it is **E2BA6B**.

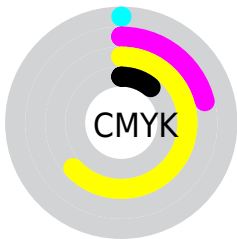
Distribution



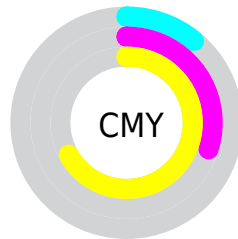
- Red (89%)
- Green (70%)
- Blue (33%)



- Red (60%)
- Yellow (89%)
- Blue (33%)



- Cyan (0%)
- Magenta (21%)
- Yellow (63%)
- Black (11%)



- Cyan (11%)
- Magenta (30%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2B354 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 E2B354 by changing the saturation by 10% instead.

 E2B354

 E2B354

FFFFFF

 C4983A

 FFE889

 A77F1F

 FFFFA4

 8B6600

 FFFF00

 6F4E00

 FFFFDC

 533700

 FFFFF9

 392200

 200D00

 000000

 E2B354

 E2B354

 E2AC3D

 E2BA6B

 E2A427

 E2C281

 E29D10

 E2C998

 E29700

 E2D1AE

 E2D8C5

 E2E0DC

 E2E7F2

 E2EFFF

 E2F6FF

Harmonies

Analogous

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



FFA16C



E2B354



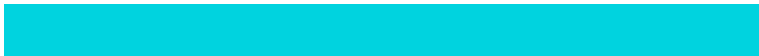
B2C35A

Triad

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



E2B354



00D3DF



EC9EF7

Complementary

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



E2B354



5483E2

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.



AAB2FF



E2B354



00CEFF

Square

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



E2B354



00D3AC



36C3FF



FF91C8

Rectangle

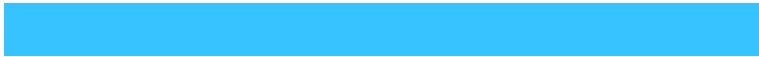
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E2B354



8CCA6E



36C3FF



DAA4FF

Sweetspot

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



E2B354



FFEFCF



E25483



807662



000000



808080

Same Dimension

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



E2B354



FFC040



CAE254



706C65



B07600



302000

Inverse Universe

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



5483E2



407FFF



6C54E2



656970



003AB0



001030

Previews

White Background



This preview shows how the Hex color E2B354 looks on a white background.

Color Contrast Check

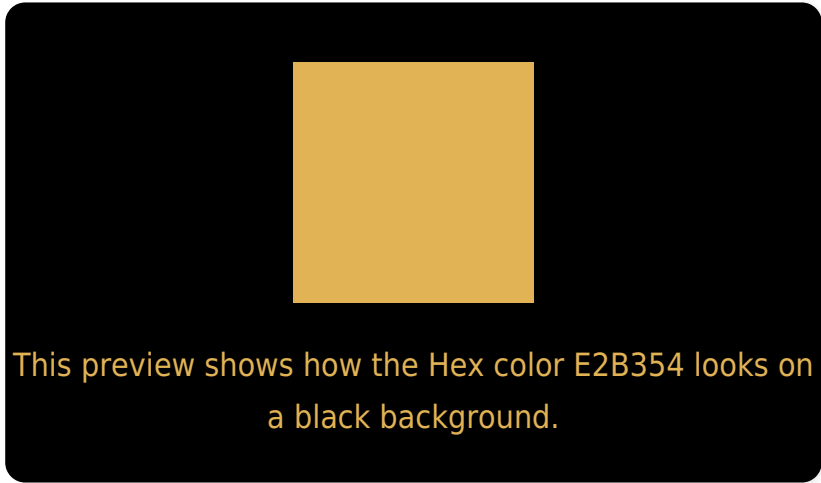
Large Text (above 18pt) WCAG AA × Fail

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 E2B354 Background



This preview shows how black text looks on a background with the Hex color E2B354.



This preview shows how white text looks on a background with the Hex color E2B354.

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
E2B354

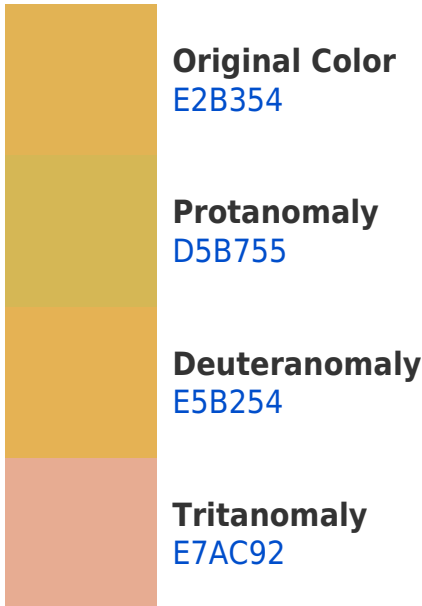
Protanopia
CEBA56

Deuteranopia
E6B154



Tritanopia
EAA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E2B354 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 #E2B354 looks like.

```
.text, #text, p{  
    color:#E2B354  
}
```

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 #E2B354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2B354
}
```

Border

The CSS property to change the border of an element to Hex E2B354 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
#E2B354 }
```

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

```
.border{ border-color:#E2B354 }
```

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

Here you see how a box with a 4 pixel #E2B354 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2B354; -webkit-box-shadow:4px 4px  
4px 4px #E2B354; box-shadow:4px 4px 4px  
4px #E2B354 }
```

Background

The CSS property to change the background color of an element to Hex E2B354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2B354 }
```

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

```
.background{ background-color:#E2B354 }
```

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