

Converting Colors

Hex(EBFA53)

Have a look what the booklet for
Hex(EBFA53) contains.

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Color

Hex(EBFA53)

Conversions

Conversions Part 1

Format	Color
Hex	EBFA53
RGB	235, 250, 83
RGB Percent	92%, 98%, 33%
CMY	0.0784, 0.0196, 0.6745
CMYK	0.06, 0.00, 0.67, 0.02
HSL	65°, 94%, 65%
HSV	65°, 67%, 98%
XYZ	70.0079, 86.6579, 21.2205
YIQ	226.4770, 44.6670, -55.1170

Conversions

Conversions Part 2

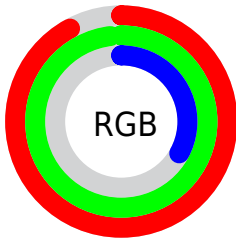
Format	Color
R_{YB}	83, 250, 98
Decimal	15465043
CIE _{Lab}	94.59, -25.14, 74.72
CIE _{LCh}	95, 78.838, 108.598
Yxy	86.6579, 0.3936, 0.4872
Android (android.graphics.Color)	4293655123 (0xFFE8FA53)
YUV	226.4770, -70.7342, 7.4747
Hunter-Lab	93.0902, -28.6682, 51.6477

Details

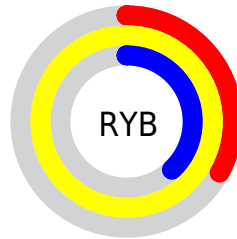
The Hex color **EBFA53** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **6253FA**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFF8D**, and **B0C204** is the 20% darker color. If you saturate the color by 10%, you get **E9FA3A**, and if you desaturate by 10%, it is **EDFA6C**.

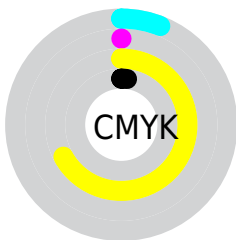
Distribution



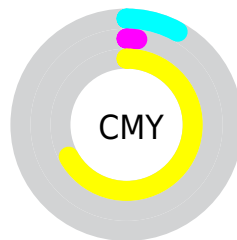
- Red (92%)
- Green (98%)
- Blue (33%)



- Red (33%)
- Yellow (98%)
- Blue (38%)



- Cyan (6%)
- Magenta (0%)
- Yellow (67%)
- Black (2%)



- Cyan (8%)
- Magenta (2%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color EBFA53 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 EBFA53 by changing the saturation by 10% instead.

 EBFA53

 EBFA53

FFFFFF

 CDDD34

 FFFF8D

 B0C204

 FFFFA9

 93A700

 FFFFC6

 768C00

 FFFFE4

 5B7300

 3F5A00

 234300

 062C00

 001900

 EBFA53

 EBFA53

 E9FA3A

 EDFA6C

 E7FA21

 EFFA85

 E4FA08

 F2FA9E

 E4FA00

 F4FAB7

 F6FAD0

 F8FAE9

 FBFAFF

 FDFAFF

 FFFAFF

Harmonies

Analogous

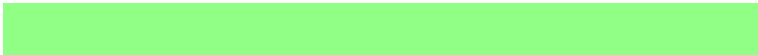
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE152



EBFA53



91FF86

Triad

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



EBFA53



00FFFF



FFAEFF

Complementary

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



EBFA53



6253FA

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.



FFC7FF



EBFA53



00FFFF

Square

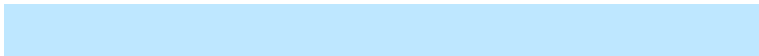
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EBFA53



00FFFF



BEE7FF



FFADC3

Rectangle

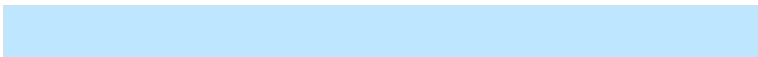
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EBFA53



00FFB5



BEE7FF



FFB4FF

Sweetspot

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



EBFA53



FAFFCC



FA6153



7D8061



000000



808080

Same Dimension

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



EBFA53



EDFF33



99FA53



7C7D70



ACBD00



383D00

Inverse Universe

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



6253FA



4533FF



B453FA



72707D



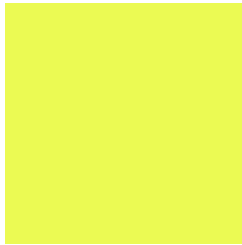
1100BD



05003D

Previews

White Background



This preview shows how the Hex color EBFA53 looks on a white background.

Color Contrast Check

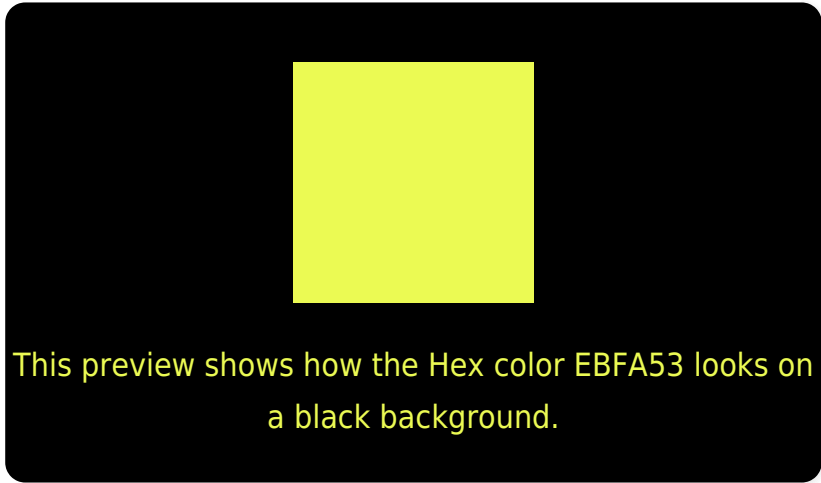
Large Text (above 18pt) WCAG AA × Fail

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 EBFA53 Background



This preview shows how black text looks on a background with the Hex color EBFA53.

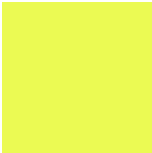

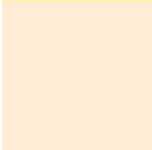


This preview shows how white text looks on a background with the Hex color EBFA53.

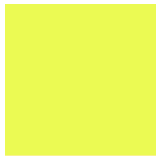
Color Blindness Simulation

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](#).

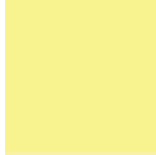
Dichromacy

	Original Color EBFA53
	Protanopia FFEFAF
	Deuteranopia FFECD6

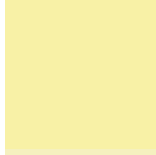
Trichromacy



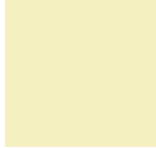
Original Color
EBFA53



Protanomaly
F8F38E



Deuteranomaly
F8F1A6

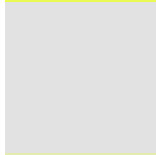


Tritanomaly
F5F0BF

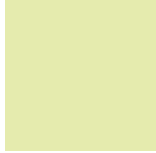
Monochromacy



Original Color
EBFA53



Achromatopsia
E2E2E2



Achromatomaly
E5EBAE

CSS Examples

Text

The CSS property to change the color of the text to Hex EBFA53 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 #EBFA53 looks like.

```
.text, #text, p{  
    color:#EBFA53  
}
```

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 #EBFA53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBFA53
}
```

Border

The CSS property to change the border of an element to Hex EBFA53 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
#EBFA53 }
```

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

```
.border{ border-color:#EBFA53 }
```

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

Here you see how a box with a 4 pixel #EBFA53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBFA53; -webkit-box-shadow:4px 4px  
4px 4px #EBFA53; box-shadow:4px 4px 4px  
4px #EBFA53 }
```

Background

The CSS property to change the background color of an element to Hex EBFA53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBFA53 }
```

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

```
.background{ background-color:#EBFA53 }
```

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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