

Converting Colors

Hex(BCF552)

Have a look what the booklet for
Hex(BCF552) contains.

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Color

Hex(BCF552)

Conversions

Conversions Part 1

Format	Color
Hex	BCF552
RGB	188, 245, 82
RGB Percent	74%, 96%, 32%
CMY	0.2627, 0.0392, 0.6784
CMYK	0.23, 0.00, 0.67, 0.04
HSL	81°, 89%, 64%
HSV	81°, 67%, 96%
XYZ	54.9144, 76.6054, 19.8747
YIQ	209.3750, 18.3510, -62.7770

Conversions

Conversions Part 2

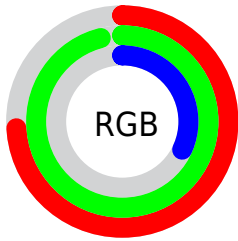
Format	Color
RYB	82, 245, 139
Decimal	12383570
CIELab	90.14, -41.06, 69.55
CIELCh	90, 80.763, 120.556
Yxy	76.6054, 0.3627, 0.5060
Android (android.graphics.Color)	4290573650 (0xFFBCF552)
YUV	209.3750, -62.7959, -18.7459
Hunter-Lab	87.5245, -41.1738, 47.8038

Details

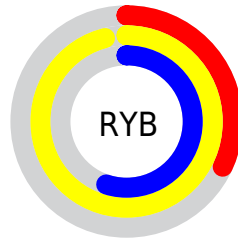
The Hex color **BCF552** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **8B52F5**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **F7FF8B**, and **82BC08** is the 20% darker color. If you saturate the color by 10%, you get **B3F53A**, and if you desaturate by 10%, it is **C5F56B**.

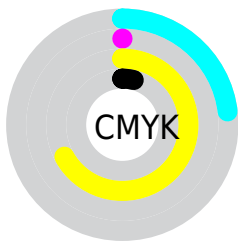
Distribution



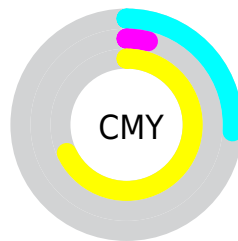
- Red (74%)
- Green (96%)
- Blue (32%)



- Red (32%)
- Yellow (96%)
- Blue (55%)



- Cyan (23%)
- Magenta (0%)
- Yellow (67%)
- Black (4%)



- Cyan (26%)
- Magenta (4%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCF552 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 BCF552 by changing the saturation by 10% instead.

 BCF552

 BCF552

FFFFFF

 9FD834

 F7FF8B

 82BC08

 FFFFA7

 66A100

 FFFFC4

 498700

 FFFFE1

 2C6D00

 005400

 003C00

 002800

 000100

 BCF552

 BCF552

 B3F53A

 C5F56B

 ABF521

 CDF583

 A2F509

 D6F59C

 9FF500

 DEF5B4

 E7F5CD

 EFF5E5

 F8F5FE

 FFF5FF

Harmonies

Analogous

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



FFDF37



BCF552



41FF93

Triad

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



BCF552



00FEFF



FF9AE5

Complementary

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



BCF552



8B52F5

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.



FFADFF



BCF552



00EBFF

Square

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



BCF552



00FFFF



E5CEFF



FFA599

Rectangle

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



BCF552



00FFC7



E5CEFF



FF9DFF

Sweetspot

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



BCF552



EDFFCC



F58852



758061



000000



808080

Same Dimension

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



BCF552



B8FF33



6DF552



767A6E



79BA00



263B00

Inverse Universe

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



8B52F5



7A33FF



DA52F5



726E7A



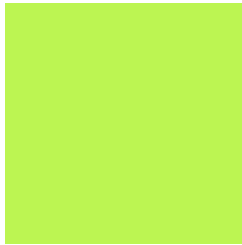
4100BA



15003B

Previews

White Background



This preview shows how the Hex color BCF552 looks on a white background.

Color Contrast Check

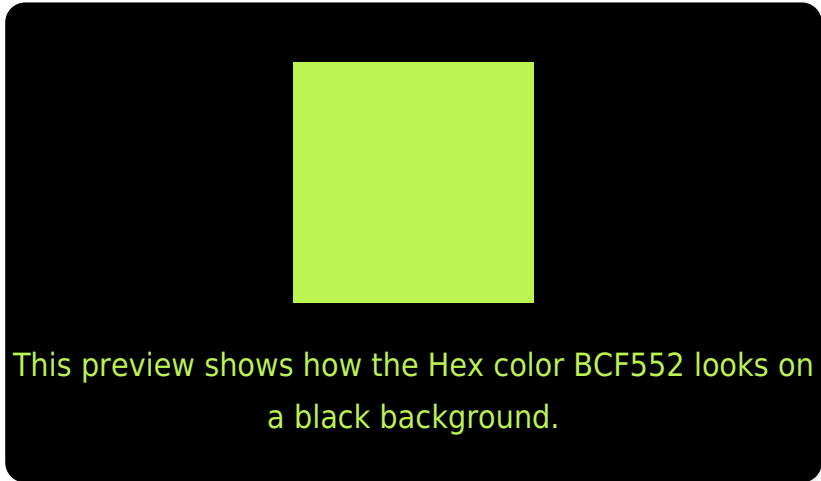
Large Text (above 18pt) WCAG AA × Fail

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 BCF552 Background



This preview shows how black text looks on a background with the Hex color BCF552.

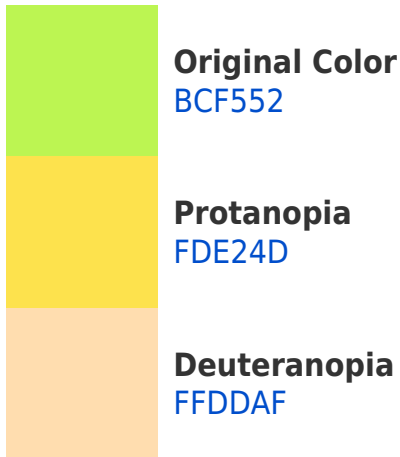


This preview shows how white text looks on a background with the Hex color BCF552.

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



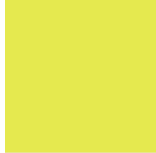


Tritanopia
D0E5F7

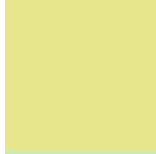
Trichromacy



Original Color
BCF552



Protanomaly
E5E94F



Deuteranomaly
E7E68D

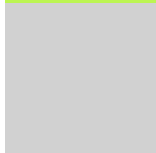


Tritanomaly
C9EBBB

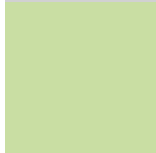
Monochromacy



Original Color
BCF552



Achromatopsia
D1D1D1



Achromatomaly
C9DEA3

CSS Examples

Text

The CSS property to change the color of the text to Hex BCF552 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 #BCF552 looks like.

```
.text, #text, p{  
    color:#BCF552  
}
```

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 #BCF552 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCF552
}
```

Border

The CSS property to change the border of an element to Hex BCF552 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
#BCF552 }
```

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

```
.border{ border-color:#BCF552 }
```

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

Here you see how a box with a 4 pixel #BCF552 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCF552; -webkit-box-shadow:4px 4px  
4px 4px #BCF552; box-shadow:4px 4px 4px  
4px #BCF552 }
```

Background

The CSS property to change the background color of an element to Hex BCF552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCF552 }
```

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

```
.background{ background-color:#BCF552 }
```

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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