

Converting Colors

Hex(44BE53)

Have a look what the booklet for
Hex(44BE53) contains.

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Color

Hex(44BE53)

Conversions

Conversions Part 1

Format	Color
Hex	44BE53
RGB	68, 190, 83
RGB Percent	27%, 75%, 33%
CMY	0.7333, 0.2549, 0.6745
CMYK	0.64, 0.00, 0.56, 0.25
HSL	127°, 48%, 51%
HSV	127°, 64%, 75%
XYZ	22.3587, 38.6804, 14.4713
YIQ	141.3240, -38.3650, -59.1410

Conversions

Conversions Part 2

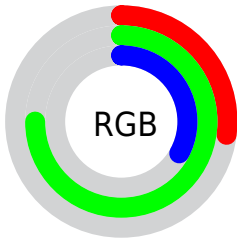
Format	Color
RYB	68, 177, 190
Decimal	4505171
CIELab	68.52, -55.65, 43.66
CIELCh	69, 70.733, 141.887
Yxy	38.6804, 0.2961, 0.5123
Android (android.graphics.Color)	4282695251 (0xFF44BE53)
YUV	141.3240, -28.7537, -64.3051
Hunter-Lab	62.1936, -44.6677, 29.7398

Details

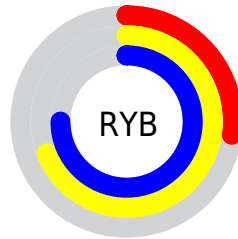
The Hex color **44BE53** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BE44AF**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **81F787**, and **00871F** is the 20% darker color. If you saturate the color by 10%, you get **31BE42**, and if you desaturate by 10%, it is **57BE64**.

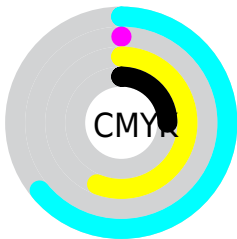
Distribution



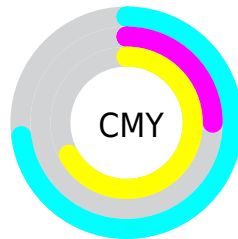
- Red (27%)
- Green (75%)
- Blue (33%)



- Red (27%)
- Yellow (69%)
- Blue (75%)



- Cyan (64%)
- Magenta (0%)
- Yellow (56%)
- Black (25%)



- Cyan (73%)
- Magenta (25%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44BE53 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 44BE53 by changing the saturation by 10% instead.

 44BE53

 44BE53

FFFFFF

 1DA23A

 81F787

 00871F

 9EFFA2

 006D00

 BCFFBE

 005300

 DAFFDA

 003B00

 F8FFF7

 002400

 000000

 44BE53

 44BE53

 31BE42

 57BE64

 1EBE32

 6ABE74

 0BBE21

 7DBE85

 00BE17

 90BE96

 A3BEA6

 B6BEB7

 C9BEC8

 DCBED8

 EFBEE9

Harmonies

Analogous

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



9AB21C



44BE53



00C493

Triad

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



44BE53



00B4FF



FF6C7B

Complementary

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



44BE53



BE44AF

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.



FF6ABB



44BE53



859EFF

Square

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



44BE53



00C0FF



E381F7



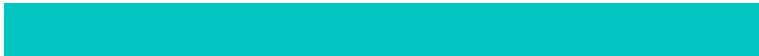
FF8442

Rectangle

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



44BE53



00C5C0



E381F7



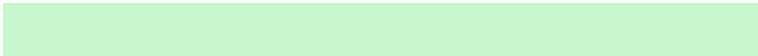
FF6890

Sweetspot

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



44BE53



C8F7CE



B0BE44



607D64



FCFCFC



7D7D7D

Same Dimension

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



44BE53



39F750



44BE8F



555E56



009E13



001F04

Inverse Universe

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



BE44AF



F739E0



BE4473



5E555D



9E008B



1F001B

Previews

White Background



This preview shows how the Hex color 44BE53 looks on a white background.

Color Contrast Check

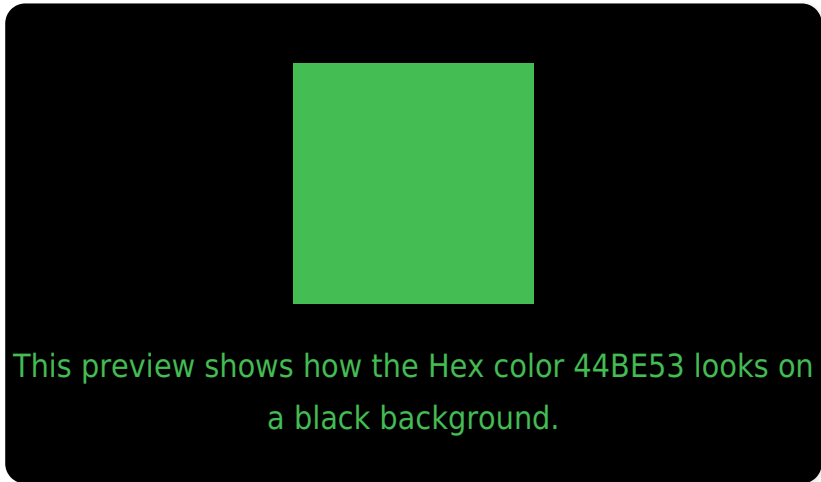
Large Text (above 18pt) WCAG AA × Fail

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

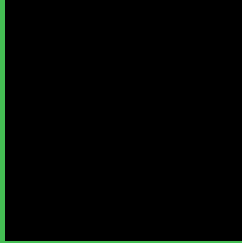
Any Text WCAG AA ✓ Pass

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 44BE53 Background



This preview shows how black text looks on a background with the Hex color 44BE53.

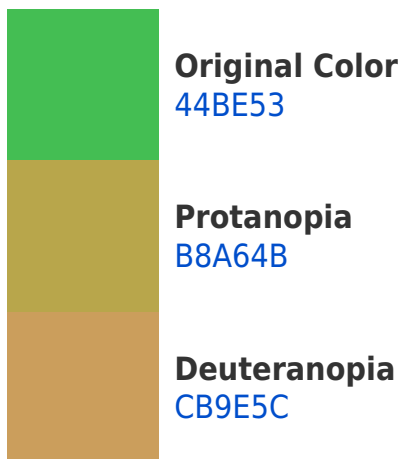


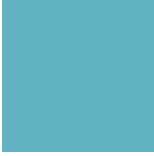
This preview shows how white text looks on a background with the Hex color 44BE53.

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
62B3C1

Trichromacy



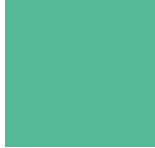
Original Color
44BE53



Protanomaly
8EAF4E



Deuteranomaly
9AAA59



Tritanomaly
57B799

Monochromacy



Original Color
44BE53



Achromatopsia
8D8D8D



Achromatomaly
729F78

CSS Examples

Text

The CSS property to change the color of the text to Hex 44BE53 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 #44BE53 looks like.

```
.text, #text, p{  
    color:#44BE53  
}
```

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 #44BE53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44BE53
}
```

Border

The CSS property to change the border of an element to Hex 44BE53 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
#44BE53 }
```

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

```
.border{ border-color:#44BE53 }
```

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

Here you see how a box with a 4 pixel #44BE53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44BE53; -webkit-box-shadow:4px 4px  
4px 4px #44BE53; box-shadow:4px 4px 4px  
4px #44BE53 }
```

Background

The CSS property to change the background color of an element to Hex 44BE53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44BE53 }
```

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

```
.background{ background-color:#44BE53 }
```

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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