

Converting Colors

Hex(2BB428)

Have a look what the booklet for
Hex(2BB428) contains.

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Color

Hex(2BB428)

Conversions

Conversions Part 1

Format	Color
Hex	2BB428
RGB	43, 180, 40
RGB Percent	17%, 71%, 16%
CMY	0.8314, 0.2941, 0.8431
CMYK	0.76, 0.00, 0.78, 0.29
HSL	119°, 64%, 43%
HSV	119°, 78%, 71%
XYZ	17.7005, 33.3093, 7.5039
YIQ	123.0770, -36.7120, -72.5840

Conversions

Conversions Part 2

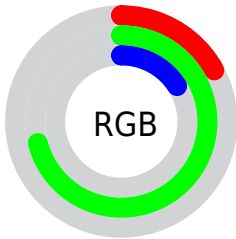
Format	Color
RYB	40, 180, 177
Decimal	2864168
CIELab	64.41, -61.07, 56.64
CIELCh	64, 83.290, 137.154
Yxy	33.3093, 0.3025, 0.5693
Android (android.graphics.Color)	4281054248 (0xFF2BB428)
YUV	123.0770, -40.9570, -70.2275
Hunter-Lab	57.7142, -46.2553, 32.6912

Details

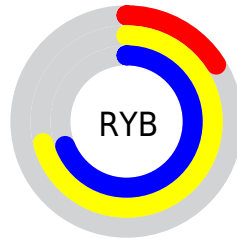
The Hex color **2BB428** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **B128B4**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **70ED60**, and **007E00** is the 20% darker color. If you saturate the color by 10%, you get **19B416**, and if you desaturate by 10%, it is **3DB43A**.

Distribution



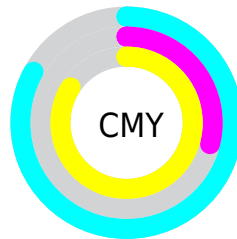
- Red (17%)
- Green (71%)
- Blue (16%)



- Red (16%)
- Yellow (71%)
- Blue (69%)



- Cyan (76%)
- Magenta (0%)
- Yellow (78%)
- Black (29%)



- Cyan (83%)
- Magenta (29%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BB428 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 2BB428 by changing the saturation by 10% instead.

 2BB428

 2BB428

FFFFFF

 009800

 70ED60

 007E00

 8EFF7B

 006300

 ACFF97

 004A00

 CAFFB3

 003300

 E9FFCF

 001800

 FFFFEC

 000000

 2BB428

 2BB428

 19B416

 3DB43A

 08B404

 4EB44C

 04B400

 60B45E

 71B470

 83B482

 95B494

 A6B4A6

 B8B4B8

 CAB4CA

Harmonies

Analogous

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



94A600



2BB428



00BB78

Triad

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



2BB428



00AEFF



FF4775

Complementary

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



2BB428



B128B4

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.



FF4BBF



2BB428



3A96FF

Square

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



2BB428



00BAFF



D372FF



FF6A2E

Rectangle

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



2BB428



00BDAD



D372FF



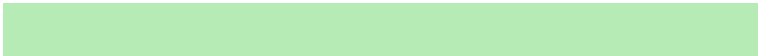
FF428E

Sweetspot

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



2BB428



B6EBB5



B4AF28



557554



F5F5F5



757575

Same Dimension

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



2BB428



15EB10



28B469



515950



039900



011A00

Inverse Universe

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



B128B4



E610EB



B42873



595059



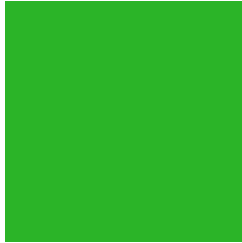
960099



19001A

Previews

White Background



This preview shows how the Hex color 2BB428 looks on a white background.

Color Contrast Check

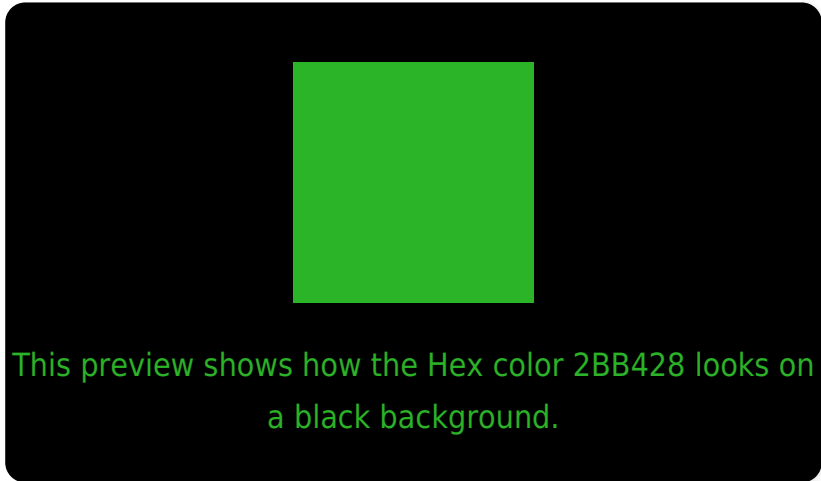
Large Text (above 18pt) WCAG AA × Fail

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 2BB428 Background



This preview shows how black text looks on a background with the Hex color 2BB428.

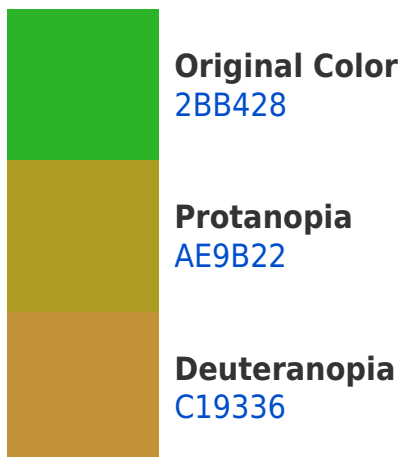


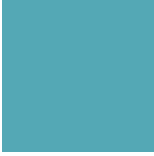
This preview shows how white text looks on a background with the Hex color 2BB428.

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
54A8B5

Trichromacy



Original Color
2BB428



Protanomaly
7EA424



Deuteranomaly
8A9F31



Tritanomaly
45AC82

Monochromacy



Original Color
2BB428



Achromatopsia
7B7B7B



Achromatomaly
5E905D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BB428 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 #2BB428 looks like.

```
.text, #text, p{  
    color:#2BB428  
}
```

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 #2BB428 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BB428
}
```

Border

The CSS property to change the border of an element to Hex 2BB428 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
#2BB428 }
```

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

```
.border{ border-color:#2BB428 }
```

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

Here you see how a box with a 4 pixel #2BB428 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BB428; -webkit-box-shadow:4px 4px  
4px 4px #2BB428; box-shadow:4px 4px 4px  
4px #2BB428 }
```

Background

The CSS property to change the background color of an element to Hex 2BB428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BB428 }
```

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

```
.background{ background-color:#2BB428 }
```

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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