

Converting Colors

Hex(2C5B24)

Have a look what the booklet for
Hex(2C5B24) contains.

Hex(2C5B24)	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(2C5B24)

Conversions

Conversions Part 1

Format	Color
Hex	2C5B24
RGB	44, 91, 36
RGB Percent	17%, 36%, 14%
CMY	0.8275, 0.6431, 0.8588
CMYK	0.52, 0.00, 0.60, 0.64
HSL	111°, 43%, 25%
HSV	111°, 60%, 36%
XYZ	5.0982, 8.1450, 2.9725
YIQ	70.6770, -10.3570, -27.0690

Conversions

Conversions Part 2

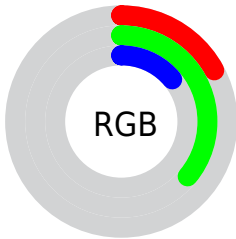
Format	Color
R_{YB}	36, 91, 83
Decimal	2906916
CIE Lab	34.28, -28.17, 26.47
CIE LCh	34, 38.658, 136.780
Yxy	8.1450, 0.3144, 0.5023
Android (android.graphics.Color)	4281096996 (0xFF2C5B24)
YUV	70.6770, -17.0958, -23.3957
Hunter-Lab	28.5395, -18.0572, 13.8023

Details

The Hex color **2C5B24** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **53245B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5E8E53**, and **002C00** is the 20% darker color. If you saturate the color by 10%, you get **245B1B**, and if you desaturate by 10%, it is **345B2D**.

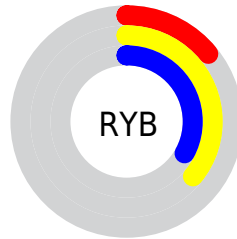
Distribution



Red (17%)

Green (36%)

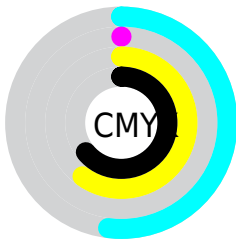
Blue (14%)



Red (14%)

Yellow (36%)

Blue (33%)

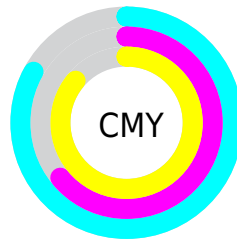


Cyan (52%)

Magenta (0%)

Yellow (60%)

Black (64%)



Cyan (83%)

Magenta (64%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C5B24 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 2C5B24 by changing the saturation by 10% instead.



2C5B24



2C5B24

FFFFFF



12430D



5E8E53



002C00



78A86B



001800



92C485



000000



ADE09F



C9FCBA



E6FFD6



FFFFFF3



2C5B24



2C5B24

■ 245B1B

■ 345B2D

■ 1C5B12

■ 3C5B36

■ 155B09

■ 435B3F

■ 0D5B00

■ 4B5B48

■ 535B52

■ 5B5B5B

■ 625B64

■ 6A5B6D

■ 725B76

Harmonies

Analogous

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



50540F



2C5B24



005E42

Triad

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



2C5B24



00588C



883441

Complementary

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



2C5B24



53245B

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.



813660



2C5B24



374E8C

Square

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



2C5B24



005D7D



68417B



803E25

Rectangle

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



2C5B24



005F57



68417B



88334B

Sweetspot

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



2C5B24



637560



5B5324



303B2E



BABABA



3B3B3B

Same Dimension

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



2C5B24



2C7520



245B37



2A2E29



106E00



22ED00

Inverse Universe

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



53245B



692075



5B2448



2D292E



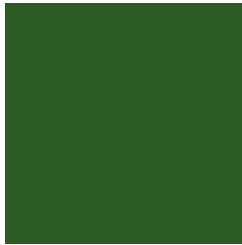
5E006E



CB00ED

Previews

White Background



This preview shows how the Hex color 2C5B24 looks on a white background.

Color Contrast Check

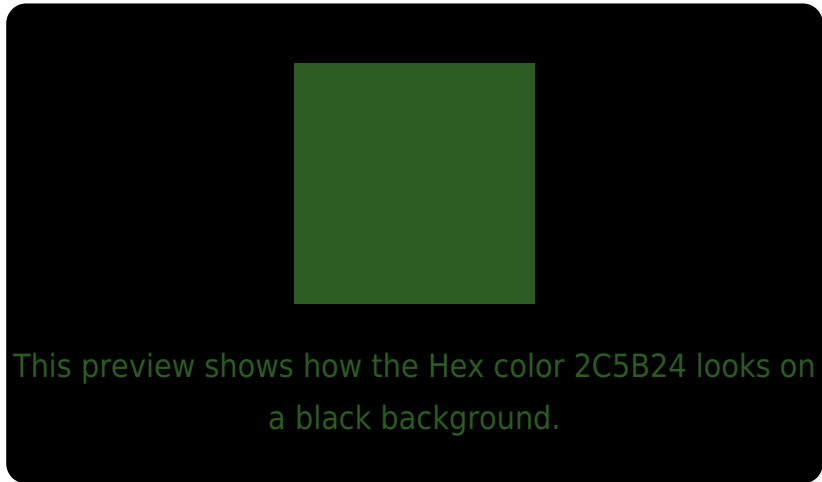
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

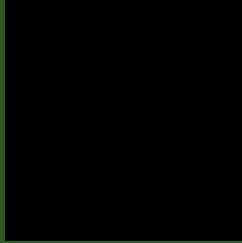
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2C5B24 Background



This preview shows how black text looks on a background with the Hex color 2C5B24.



This preview shows how white text looks on a background with the Hex color 2C5B24.

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
2C5B24

Protanopia
595021

Deuteranopia
634D28



Tritanopia
37555C

Trichromacy



Original Color
2C5B24

Protanomaly
495422

Deuteranomaly
4F5227

Tritanomaly
335748

Monochromacy



Original Color
2C5B24

Achromatopsia
474747

Achromatomaly
3D4E3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C5B24 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 #2C5B24 looks like.

```
.text, #text, p{  
    color:#2C5B24  
}
```

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 #2C5B24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C5B24
}
```

Border

The CSS property to change the border of an element to Hex 2C5B24 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
#2C5B24 }
```

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

```
.border{ border-color:#2C5B24 }
```

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

Here you see how a box with a 4 pixel #2C5B24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C5B24; -webkit-box-shadow:4px 4px  
4px 4px #2C5B24; box-shadow:4px 4px 4px  
4px #2C5B24 }
```

Background

The CSS property to change the background color of an element to Hex 2C5B24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C5B24 }
```

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

```
.background{ background-color:#2C5B24 }
```

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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