

Converting Colors

Hex(4B5E24)

Have a look what the booklet for
Hex(4B5E24) contains.

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Color

Hex(4B5E24)

Conversions

Conversions Part 1

Format	Color
Hex	4B5E24
RGB	75, 94, 36
RGB Percent	29%, 37%, 14%
CMY	0.7059, 0.6314, 0.8588
CMYK	0.20, 0.00, 0.62, 0.63
HSL	80°, 45%, 25%
HSV	80°, 62%, 37%
XYZ	7.2228, 9.6286, 3.1469
YIQ	81.7070, 7.2940, -22.0660

Conversions

Conversions Part 2

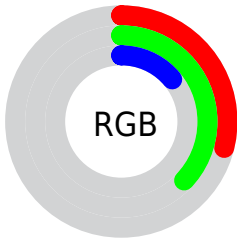
Format	Color
R_{YB}	36, 94, 55
Decimal	4939300
CIE _{Lab}	37.17, -17.39, 30.29
CIE _{LCh}	37, 34.927, 119.855
Yxy	9.6286, 0.3612, 0.4815
Android (android.graphics.Color)	4283129380 (0xFF4B5E24)
YUV	81.7070, -22.5336, -5.8820
Hunter-Lab	31.0300, -12.7536, 15.7082

Details

The Hex color **4B5E24** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **37245E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7D9053**, and **1E3000** is the 20% darker color. If you saturate the color by 10%, you get **485E1B**, and if you desaturate by 10%, it is **4E5E2D**.

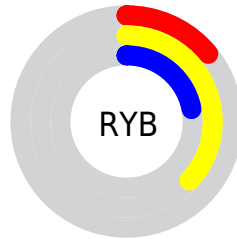
Distribution



Red (29%)

Green (37%)

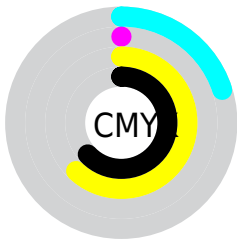
Blue (14%)



Red (14%)

Yellow (37%)

Blue (22%)

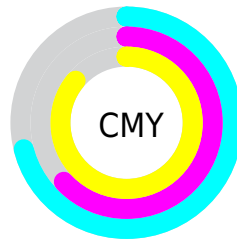


Cyan (20%)

Magenta (0%)

Yellow (62%)

Black (63%)



Cyan (71%)

Magenta (63%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B5E24 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 4B5E24 by changing the saturation by 10% instead.



4B5E24



4B5E24

FFFFFF



33460D



7D9053



1E3000



98AB6C



001C00



B3C686



000000



CFE2A0



EBFFBB



FFFFD7



FFFFF4



4B5E24



4B5E24

■ 485E1B

■ 4E5E2D

■ 455E11

■ 515E37

■ 425E08

■ 545E40

■ 3F5E00

■ 575E4A

■ 5A5E53

■ 5D5E5C

■ 615E66

■ 645E6F

■ 675E79

Harmonies

Analogous

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



67561C



4B5E24



25633A

Triad

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



4B5E24



006288



8A3F59

Complementary

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



4B5E24



37245E

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.



7A4574



4B5E24



1A5B90

Square

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



4B5E24



006573



585088



8A423D

Rectangle

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



4B5E24



00654D



585088



864062

Sweetspot

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



4B5E24



737A63



5E3624



393D2F



BDBDBD



3D3D3D

Same Dimension

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



4B5E24



5D7A20



2F5E24



2C2E29



4A6E00



9FED00

Inverse Universe

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



37245E



3D207A



53245E



2B292E



24006E



4E00ED

Previews

White Background



This preview shows how the Hex color 4B5E24 looks on a white background.

Color Contrast Check

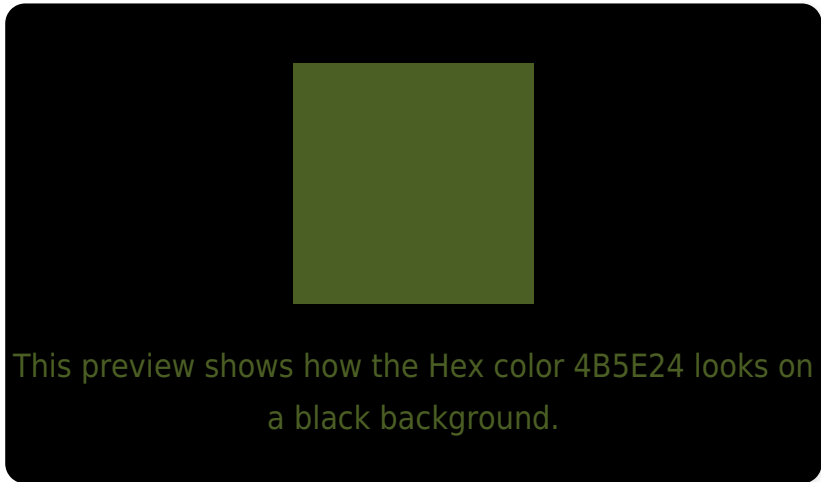
Large Text (above 18pt) WCAG AA ✓ Pass

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

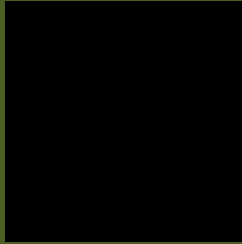
Any Text WCAG AA × Fail

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 4B5E24 Background



This preview shows how black text looks on a background with the Hex color 4B5E24.



This preview shows how white text looks on a background with the Hex color 4B5E24.

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
4B5E24

Protanopia
615722

Deuteranopia
6C5327



Tritanopia
52585F

Trichromacy



Original Color
4B5E24

Protanomaly
595A23

Deuteranomaly
605726

Tritanomaly
4F5A4A

Monochromacy



Original Color
4B5E24

Achromatopsia
525252

Achromatomaly
4F5641

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B5E24 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 #4B5E24 looks like.

```
.text, #text, p{  
    color:#4B5E24  
}
```

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 #4B5E24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5E24
}
```

Border

The CSS property to change the border of an element to Hex 4B5E24 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
#4B5E24 }
```

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

```
.border{ border-color:#4B5E24 }
```

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

Here you see how a box with a 4 pixel #4B5E24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5E24; -webkit-box-shadow:4px 4px  
4px 4px #4B5E24; box-shadow:4px 4px 4px  
4px #4B5E24 }
```

Background

The CSS property to change the background color of an element to Hex 4B5E24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5E24 }
```

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

```
.background{ background-color:#4B5E24 }
```

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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