

Converting Colors

Hex(2A4B15)

Have a look what the booklet for
Hex(2A4B15) contains.

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Color

Hex(2A4B15)

Conversions

Conversions Part 1

Format	Color
Hex	2A4B15
RGB	42, 75, 21
RGB Percent	16%, 29%, 8%
CMY	0.8353, 0.7059, 0.9176
CMYK	0.44, 0.00, 0.72, 0.71
HSL	97°, 56%, 19%
HSV	97°, 72%, 29%
XYZ	3.6063, 5.5785, 1.5962
YIQ	58.9770, -2.3340, -23.7900

Conversions

Conversions Part 2

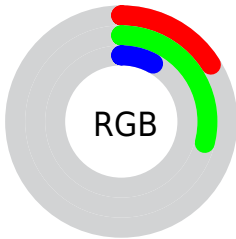
Format	Color
R_{YB}	21, 75, 54
Decimal	2771733
CIE _{Lab}	28.32, -23.04, 27.47
CIE _{LCh}	28, 35.851, 129.980
Yxy	5.5785, 0.3345, 0.5174
Android (android.graphics.Color)	4280961813 (0xFF2A4B15)
YUV	58.9770, -18.7227, -14.8888
Hunter-Lab	23.6189, -14.0787, 12.5264

Details

The Hex color **2A4B15** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **36154B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5A7C43**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **254B0D**, and if you desaturate by 10%, it is **2F4B1C**.

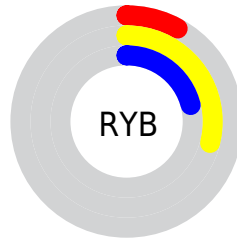
Distribution



Red (16%)

Green (29%)

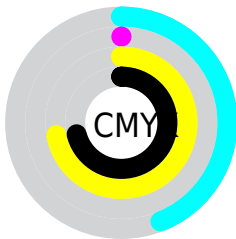
Blue (8%)



Red (8%)

Yellow (29%)

Blue (21%)

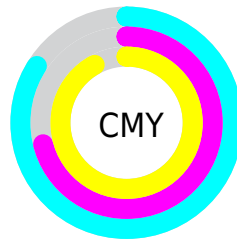


Cyan (44%)

Magenta (0%)

Yellow (72%)

Black (71%)



Cyan (84%)

Magenta (71%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A4B15 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 2A4B15 by changing the saturation by 10% instead.



2A4B15



2A4B15

FFFFFFD



143400



5A7C43



002000



74965B



000000



8EB174



A9CC8E



C4E9A8



E1FFC4



FEFFC0



2A4B15



2A4B15

■ 254B0D

■ 2F4B1C

■ 214B06

■ 334B24

■ 1D4B00

■ 384B2B

■ 3C4B33

■ 414B3A

■ 464B42

■ 4A4B4A

■ 4F4B51

■ 534B59

Harmonies

Analogous

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



484404



2A4B15



004F2F

Triad

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



2A4B15



004B77



75283B

Complementary

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



2A4B15



36154B

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.



6B2C56



2A4B15



174379

Square

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



2A4B15



004F66



50376D



702F21

Rectangle

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



2A4B15



005042



50376D



732844

Sweetspot

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



2A4B15



54614C



4B3515



293024



B0B0B0



303030

Same Dimension

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



2A4B15



2E610E



154B1A



242622



286600



59E600

Inverse Universe

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



36154B



400E61



4B1546



252226



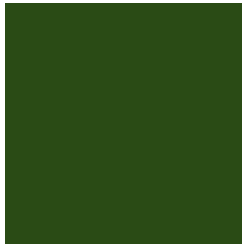
3E0066



8C00E6

Previews

White Background



This preview shows how the Hex color 2A4B15 looks on a white background.

Color Contrast Check

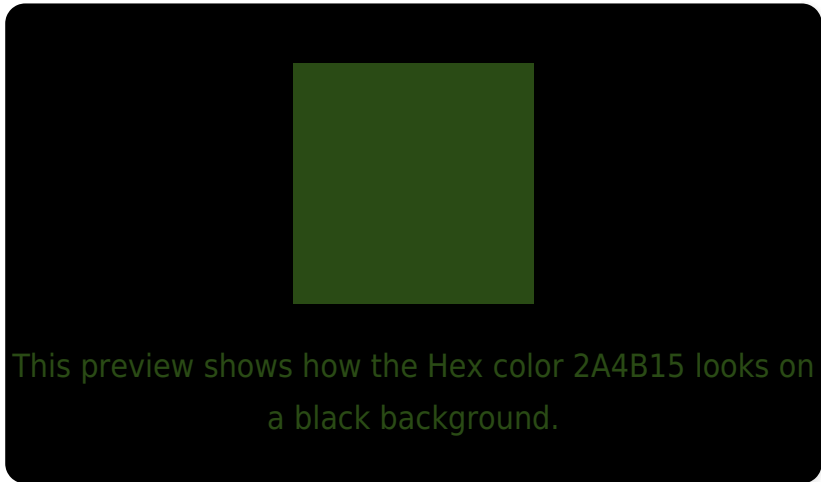
Large Text (above 18pt) WCAG AA ✓ Pass

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

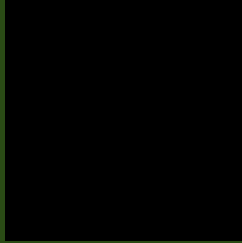
Any Text WCAG AA × Fail

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 2A4B15 Background



This preview shows how black text looks on a background with the Hex color 2A4B15.



This preview shows how white text looks on a background with the Hex color 2A4B15.

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](#).

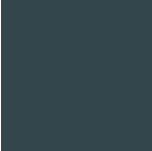
Dichromacy



Original Color
2A4B15

Protanopia
4B4313

Deuteranopia
533F19



Tritanopia
33464C

Trichromacy



Original Color
2A4B15

Protanomaly
3F4614

Deuteranomaly
444318

Tritanomaly
304838

Monochromacy



Original Color
2A4B15

Achromatopsia
3B3B3B

Achromatomaly
35412D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A4B15 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 #2A4B15 looks like.

```
.text, #text, p{  
    color:#2A4B15  
}
```

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 #2A4B15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4B15
}
```

Border

The CSS property to change the border of an element to Hex 2A4B15 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
#2A4B15 }
```

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

```
.border{ border-color:#2A4B15 }
```

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

Here you see how a box with a 4 pixel #2A4B15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4B15; -webkit-box-shadow:4px 4px  
4px 4px #2A4B15; box-shadow:4px 4px 4px  
4px #2A4B15 }
```

Background

The CSS property to change the background color of an element to Hex 2A4B15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4B15 }
```

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

```
.background{ background-color:#2A4B15 }
```

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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