

Converting Colors

Hex(2D6B15)

Have a look what the booklet for
Hex(2D6B15) contains.

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Color

Hex(2D6B15)

Conversions

Conversions Part 1

Format	Color
Hex	2D6B15
RGB	45, 107, 21
RGB Percent	18%, 42%, 8%
CMY	0.8235, 0.5804, 0.9176
CMYK	0.58, 0.00, 0.80, 0.58
HSL	103°, 67%, 25%
HSV	103°, 80%, 42%
XYZ	6.4752, 11.1274, 2.5160
YIQ	78.6580, -9.3460, -39.8900

Conversions

Conversions Part 2

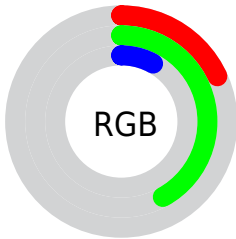
Format	Color
R_{YB}	21, 107, 83
Decimal	2976533
CIE Lab	39.79, -36.28, 39.23
CIE LCh	40, 53.437, 132.764
Yxy	11.1274, 0.3219, 0.5531
Android (android.graphics.Color)	4281166613 (0xFF2D6B15)
YUV	78.6580, -28.4254, -29.5181
Hunter-Lab	33.3578, -23.7266, 18.8785

Details

The Hex color **2D6B15** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **53156B**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **629F47**, and **003A00** is the 20% darker color. If you saturate the color by 10%, you get **256B0A**, and if you desaturate by 10%, it is **356B20**.

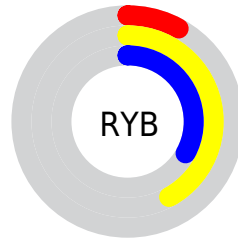
Distribution



Red (18%)

Green (42%)

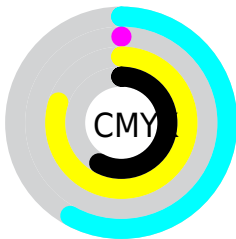
Blue (8%)



Red (8%)

Yellow (42%)

Blue (33%)

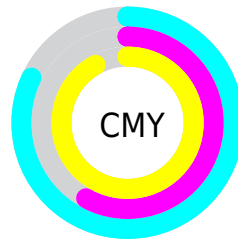


Cyan (58%)

Magenta (0%)

Yellow (80%)

Black (58%)



Cyan (82%)

Magenta (58%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D6B15 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 2D6B15 by changing the saturation by 10% instead.



2D6B15



2D6B15

FFFFFF



0E5200



629F47



003A00



7DBA60



002600



98D67A



000000



B4F395



D0FFB0



EDFFCC



FFFFE8



2D6B15



2D6B15

 256B0A

 356B20

 1E6B00

 3C6B2A

 446B35

 4C6B40

 546B4A

 5B6B55

 636B60

 6B6B6B

 726B75

Harmonies

Analogous

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



606200



2D6B15



007042

Triad

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



2D6B15



006AB1



AB2E4D

Complementary

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



2D6B15



53156B

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.



9E3479



2D6B15



0B5DB3

Square

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



2D6B15



007098



77499E



A03E24

Rectangle

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



2D6B15



007161



77499E



A92D5C

Sweetspot

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



2D6B15



748C6B



6B5315



384733



C7C7C7



474747

Same Dimension

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



2D6B15



2B8C06



156B28



323630



217500



44F500

Inverse Universe

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



53156B



67068C



6B1558



343036



550075



B000F5

Previews

White Background



This preview shows how the Hex color 2D6B15 looks on a white background.

Color Contrast Check

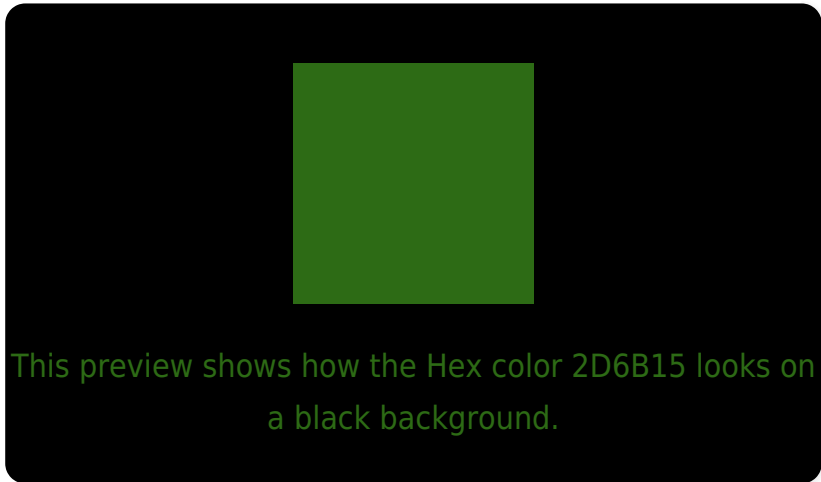
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

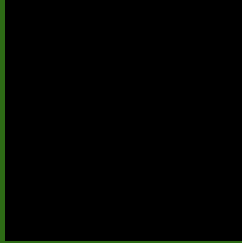
Any Text WCAG AA × Fail

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 2D6B15 Background



This preview shows how black text looks on a background with the Hex color 2D6B15.



This preview shows how white text looks on a background with the Hex color 2D6B15.

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
2D6B15

Protanopia
695E11

Deuteranopia
75591E



Tritanopia
3D646C

Trichromacy



Original Color
2D6B15

Protanomaly
536312

Deuteranomaly
5B601B

Tritanomaly
37674C

Monochromacy



Original Color
2D6B15

Achromatopsia
4F4F4F

Achromatomaly
43593A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D6B15 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 #2D6B15 looks like.

```
.text, #text, p{  
    color:#2D6B15  
}
```

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 #2D6B15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D6B15
}
```

Border

The CSS property to change the border of an element to Hex 2D6B15 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
#2D6B15 }
```

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

```
.border{ border-color:#2D6B15 }
```

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

Here you see how a box with a 4 pixel #2D6B15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D6B15; -webkit-box-shadow:4px 4px  
4px 4px #2D6B15; box-shadow:4px 4px 4px  
4px #2D6B15 }
```

Background

The CSS property to change the background color of an element to Hex 2D6B15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D6B15 }
```

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

```
.background{ background-color:#2D6B15 }
```

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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