

Converting Colors

Hex(2D6224)

Have a look what the booklet for
Hex(2D6224) contains.

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Color

Hex(2D6224)

Conversions

Conversions Part 1

Format	Color
Hex	2D6224
RGB	45, 98, 36
RGB Percent	18%, 38%, 14%
CMY	0.8235, 0.6157, 0.8588
CMYK	0.54, 0.00, 0.63, 0.62
HSL	111°, 46%, 26%
HSV	111°, 63%, 38%
XYZ	5.7683, 9.4206, 3.1834
YIQ	75.0850, -11.6860, -30.5180

Conversions

Conversions Part 2

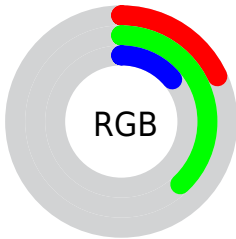
Format	Color
RYB	36, 98, 89
Decimal	2974244
CIELab	36.78, -31.02, 29.39
CIELCh	37, 42.731, 136.544
Yxy	9.4206, 0.3140, 0.5128
Android (android.graphics.Color)	4281164324 (0xFF2D6224)
YUV	75.0850, -19.2689, -26.3845
Hunter-Lab	30.6930, -20.1664, 15.3357

Details

The Hex color **2D6224** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **592462**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **609553**, and **003200** is the 20% darker color. If you saturate the color by 10%, you get **25621A**, and if you desaturate by 10%, it is **35622E**.

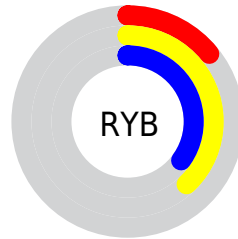
Distribution



Red (18%)

Green (38%)

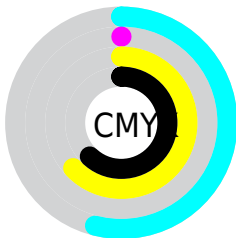
Blue (14%)



Red (14%)

Yellow (38%)

Blue (35%)

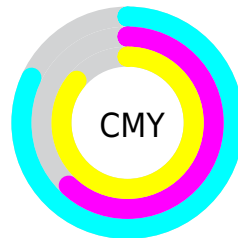


Cyan (54%)

Magenta (0%)

Yellow (63%)

Black (62%)



Cyan (82%)

Magenta (62%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D6224 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 2D6224 by changing the saturation by 10% instead.

 2D6224

 2D6224

FFFFFF

 124A0D

 609553

 003200

 7AB06C

 002000

 95CC86

 000000

 B0E8A0

 CCFFBB

 E9FFD7

 FFFFF4

 2D6224

 2D6224

■ 25621A

■ 35622E

■ 1C6210

■ 3E6238

■ 146207

■ 466241

■ 0E6200

■ 4F624B

■ 576255

■ 5F625F

■ 686269

■ 706272

■ 78627C

Harmonies

Analogous

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



565B0A



2D6224



006645

Triad

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



2D6224



005F99



953645

Complementary

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



2D6224



592462

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.



8D3867



2D6224



375499

Square

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



2D6224



006588



704586



8B4126

Rectangle

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



2D6224



00675D



704586



943550

Sweetspot

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



2D6224



6B8067



625924



334031



BFBFBF



404040

Same Dimension

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



2D6224



2D801F



24623A



2C302C



107000



23F000

Inverse Universe

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



592462



711F80



62244C



302C30



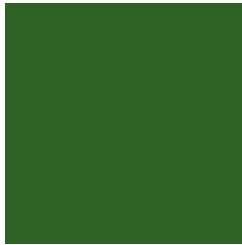
600070



CD00F0

Previews

White Background



This preview shows how the Hex color 2D6224 looks on a white background.

Color Contrast Check

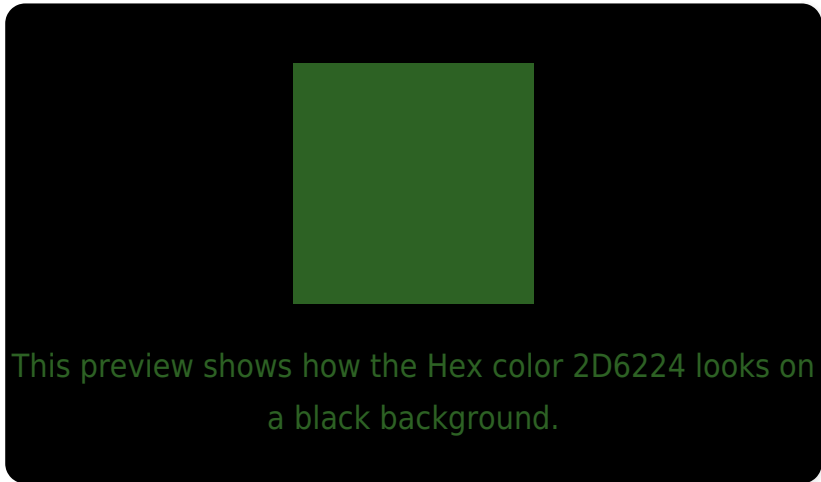
Large Text (above 18pt) WCAG AA ✓ Pass

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

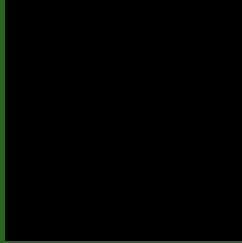
Any Text WCAG AA × Fail

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 2D6224 Background



This preview shows how black text looks on a background with the Hex color 2D6224.



This preview shows how white text looks on a background with the Hex color 2D6224.

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
2D6224

Protanopia
605621

Deuteranopia
6A5229



Tritanopia
3A5C63

Trichromacy



Original Color
2D6224

Protanomaly
4D5A22

Deuteranomaly
545827

Tritanomaly
355E4C

Monochromacy



Original Color
2D6224

Achromatopsia
4B4B4B

Achromatomaly
40533D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D6224 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 #2D6224 looks like.

```
.text, #text, p{  
    color:#2D6224  
}
```

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 #2D6224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D6224
}
```

Border

The CSS property to change the border of an element to Hex 2D6224 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
#2D6224 }
```

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

```
.border{ border-color:#2D6224 }
```

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

Here you see how a box with a 4 pixel #2D6224 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D6224; -webkit-box-shadow:4px 4px  
4px 4px #2D6224; box-shadow:4px 4px 4px  
4px #2D6224 }
```

Background

The CSS property to change the background color of an element to Hex 2D6224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D6224 }
```

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

```
.background{ background-color:#2D6224 }
```

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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