

Converting Colors

Hex(23A04D)

Have a look what the booklet for
Hex(23A04D) contains.

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Color

Hex(23A04D)

Conversions

Conversions Part 1

Format	Color
Hex	23A04D
RGB	35, 160, 77
RGB Percent	14%, 63%, 30%
CMY	0.8627, 0.3725, 0.6980
CMYK	0.78, 0.00, 0.52, 0.37
HSL	140°, 64%, 38%
HSV	140°, 78%, 63%
XYZ	14.6035, 26.0348, 11.2767
YIQ	113.1630, -47.8570, -52.3130

Conversions

Conversions Part 2

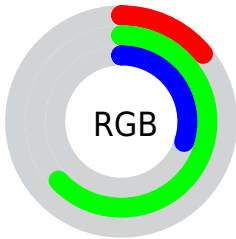
Format	Color
RYB	35, 129, 160
Decimal	2334797
CIELab	58.07, -51.47, 33.78
CIELCh	58, 61.566, 146.719
Yxy	26.0348, 0.2813, 0.5015
Android (android.graphics.Color)	4280524877 (0xFF23A04D)
YUV	113.1630, -17.8284, -68.5490
Hunter-Lab	51.0243, -38.2045, 22.6135

Details

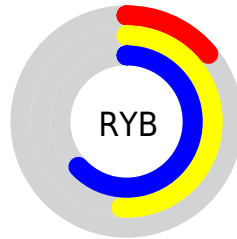
The Hex color **23A04D** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A02376**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **65D880**, and **006B1D** is the 20% darker color. If you saturate the color by 10%, you get **13A042**, and if you desaturate by 10%, it is **33A058**.

Distribution



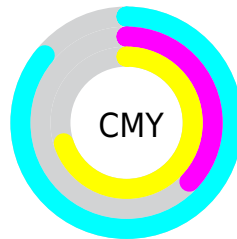
- Red (14%)
- Green (63%)
- Blue (30%)



- Red (14%)
- Yellow (51%)
- Blue (63%)



- Cyan (78%)
- Magenta (0%)
- Yellow (52%)
- Black (37%)



- Cyan (86%)
- Magenta (37%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23A04D 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 23A04D by changing the saturation by 10% instead.

 23A04D

 23A04D

FFFFFF

 008535

 65D880

 006B1D

 82F59A

 005202

 9FFF85

 003900

 BCFFD1

 002300

 DAFEE

 000000

 F8FFFF

 23A04D

 23A04D

 13A042

 33A058

 03A038

 43A062

 00A036

 53A06D

 63A077

 73A082

 83A08D

 93A097

 A3A0A2

 B3A0AD

Harmonies

Analogous

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



77971E



23A04D



00A484

Triad

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



23A04D



0094F7



EA5C5E

Complementary

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



23A04D



A02376

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.



E85794



23A04D



8080EC

Square

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



23A04D



00A0E5



C767C8



D37130

Rectangle

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



23A04D



00A5A9



C767C8



EC5870

Sweetspot

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



23A04D



A1D1B1



76A023



4B6955



E8E8E8



696969

Same Dimension

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



23A04D



0DD14F



23A08B



474F4A



008F30



000F05

Inverse Universe

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



A02376



D10D8F



A02338



4F474C



8F005F



0F000A

Previews

White Background



This preview shows how the Hex color 23A04D looks on a white background.

Color Contrast Check

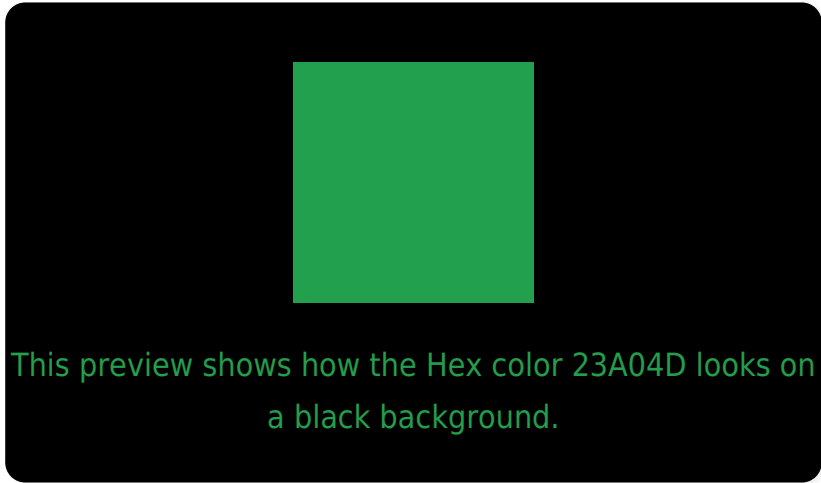
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

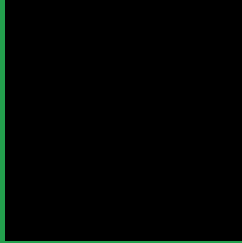
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 23A04D Background



This preview shows how black text looks on a background with the Hex color 23A04D.



This preview shows how white text looks on a background with the Hex color 23A04D.

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](#).

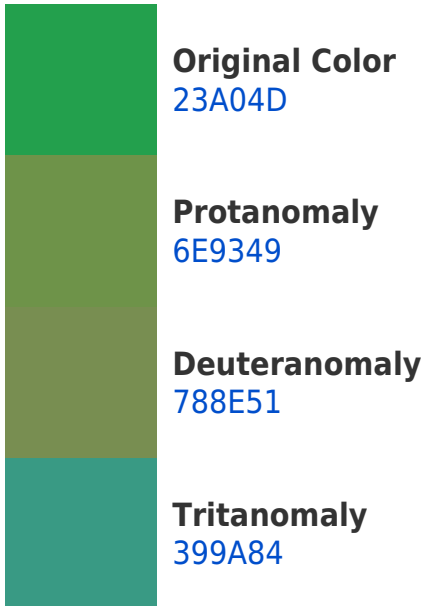
Dichromacy



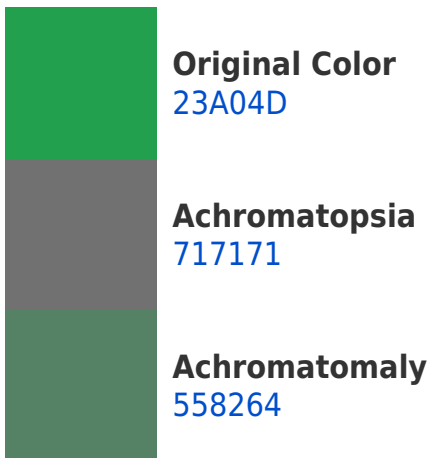


Tritanopia
4597A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23A04D 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 #23A04D looks like.

```
.text, #text, p{  
    color:#23A04D  
}
```

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 #23A04D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23A04D
}
```

Border

The CSS property to change the border of an element to Hex 23A04D 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
#23A04D }
```

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

```
.border{ border-color:#23A04D }
```

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

Here you see how a box with a 4 pixel #23A04D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23A04D; -webkit-box-shadow:4px 4px  
4px 4px #23A04D; box-shadow:4px 4px 4px  
4px #23A04D }
```

Background

The CSS property to change the background color of an element to Hex 23A04D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23A04D }
```

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

```
.background{ background-color:#23A04D }
```

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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