

Converting Colors

Hex(22A524)

Have a look what the booklet for
Hex(22A524) contains.

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Color

Hex(22A524)

Conversions

Conversions Part 1

Format	Color
Hex	22A524
RGB	34, 165, 36
RGB Percent	13%, 65%, 14%
CMY	0.8667, 0.3529, 0.8588
CMYK	0.79, 0.00, 0.78, 0.35
HSL	121°, 66%, 39%
HSV	121°, 79%, 65%
XYZ	14.4333, 27.3777, 6.1928
YIQ	111.1250, -36.6670, -67.8910

Conversions

Conversions Part 2

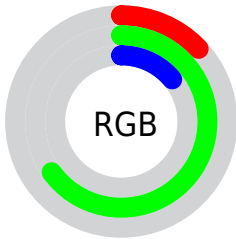
Format	Color
RYB	34, 163, 165
Decimal	2270500
CIELab	59.32, -57.91, 52.95
CIELCh	59, 78.470, 137.561
Yxy	27.3777, 0.3007, 0.5703
Android (android.graphics.Color)	4280460580 (0xFF22A524)
YUV	111.1250, -37.0366, -67.6386
Hunter-Lab	52.3237, -42.3281, 29.6093

Details

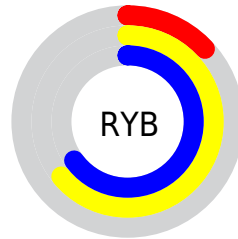
The Hex color **22A524** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A522A3**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **67DD5B**, and **007000** is the 20% darker color. If you saturate the color by 10%, you get **12A514**, and if you desaturate by 10%, it is **33A534**.

Distribution



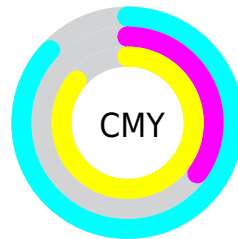
- Red (13%)
- Green (65%)
- Blue (14%)



- Red (13%)
- Yellow (64%)
- Blue (65%)



- Cyan (79%)
- Magenta (0%)
- Yellow (78%)
- Black (35%)



- Cyan (87%)
- Magenta (35%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22A524 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 22A524 by changing the saturation by 10% instead.

 22A524

 22A524

FFFFFF

 008A00

 67DD5B

 007000

 85FA76

 005600

 A3FF91

 003D00

 C1FFAC

 002600

 DFFFC9

 000000

 FDFFE5

 22A524

 22A524

 12A514

 33A534

01A504

43A544

00A503

54A555

64A565

74A575

85A585

95A596

A6A5A6

B7A5B6

Harmonies

Analogous

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



869800



22A524



00AB6F

Triad

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



22A524



009FFF



FF406A

Complementary

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



22A524



A522A3

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.



FA43AF



22A524



3789FF

Square

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



22A524



00AAF4



C367ED



F16127

Rectangle

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



22A524



00AD9F



C367ED



FF3A80

Sweetspot

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



22A524



A3D6A4



A5A522



4C6B4D



EBEBEB



6B6B6B

Same Dimension

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



22A524



0BD60E



22A563



49524A



009102



001200

Inverse Universe

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



A522A3



D60BD3



A52263



524951



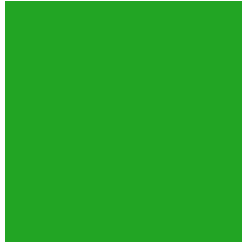
91008F



120012

Previews

White Background



This preview shows how the Hex color 22A524 looks on a white background.

Color Contrast Check

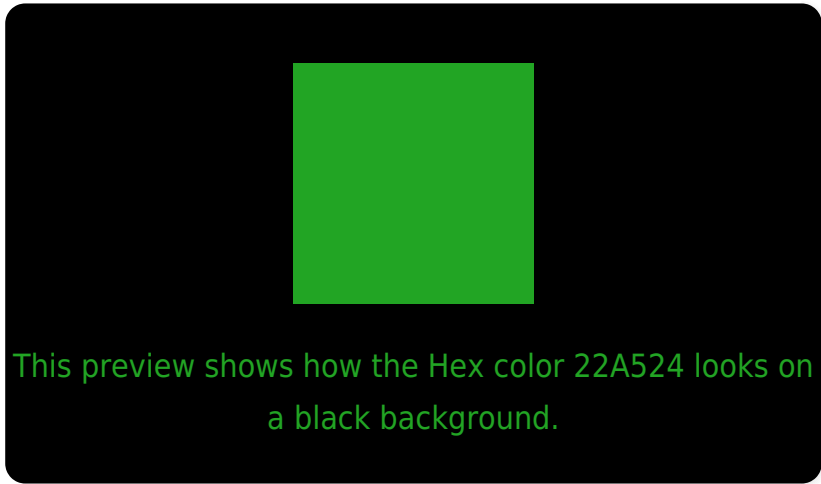
Large Text (above 18pt) WCAG AA ✓ Pass

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 22A524 Background



This preview shows how black text looks on a background with the Hex color 22A524.



This preview shows how white text looks on a background with the Hex color 22A524.

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
22A524

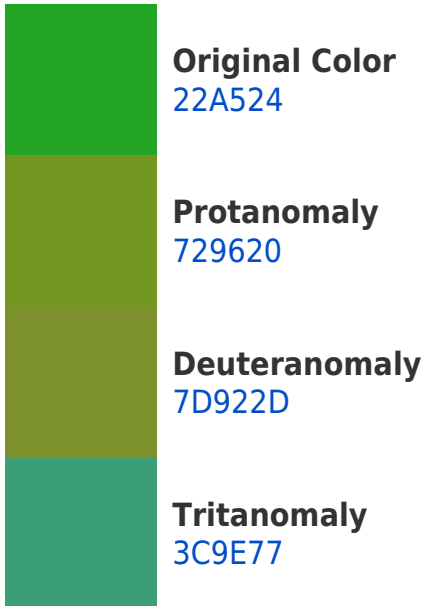
Protanopia
9F8E1E

Deuteranopia
B18732

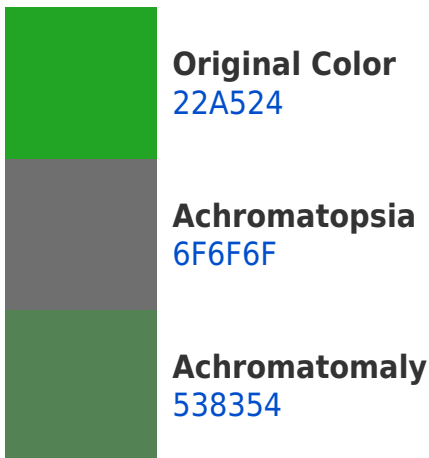


Tritanopia
4B9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 22A524 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 #22A524 looks like.

```
.text, #text, p{  
    color:#22A524  
}
```

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 #22A524 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22A524
}
```

Border

The CSS property to change the border of an element to Hex 22A524 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
#22A524 }
```

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

```
.border{ border-color:#22A524 }
```

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

Here you see how a box with a 4 pixel #22A524 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22A524; -webkit-box-shadow:4px 4px  
4px 4px #22A524; box-shadow:4px 4px 4px  
4px #22A524 }
```

Background

The CSS property to change the background color of an element to Hex 22A524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22A524 }
```

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

```
.background{ background-color:#22A524 }
```

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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