

Converting Colors

Hex(629D21)

Have a look what the booklet for
Hex(629D21) contains.

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Color

Hex(629D21)

Conversions

Conversions Part 1

Format	Color
Hex	629D21
RGB	98, 157, 33
RGB Percent	38%, 62%, 13%
CMY	0.6157, 0.3843, 0.8706
CMYK	0.38, 0.00, 0.79, 0.38
HSL	89°, 65%, 37%
HSV	89°, 79%, 62%
XYZ	17.3685, 26.8204, 5.7003
YIQ	125.2230, 4.6400, -51.0720

Conversions

Conversions Part 2

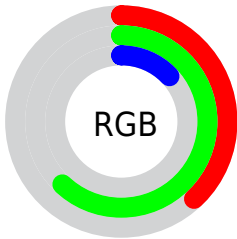
Format	Color
RYB	33, 157, 92
Decimal	6462753
CIELab	58.81, -38.71, 54.16
CIELCh	59, 66.574, 125.557
Yxy	26.8204, 0.3481, 0.5376
Android (android.graphics.Color)	4284652833 (0xFF629D21)
YUV	125.2230, -45.4659, -23.8746
Hunter-Lab	51.7884, -30.7655, 29.7259

Details

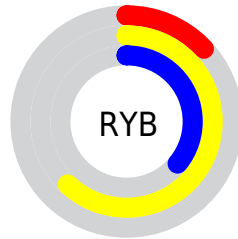
The Hex color **629D21** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5C219D**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **99D458**, and **2A6900** is the 20% darker color. If you saturate the color by 10%, you get **5B9D11**, and if you desaturate by 10%, it is **699D31**.

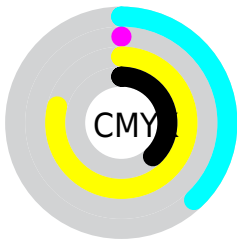
Distribution



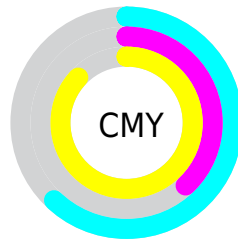
- Red (38%)
- Green (62%)
- Blue (13%)



- Red (13%)
- Yellow (62%)
- Blue (36%)



- Cyan (38%)
- Magenta (0%)
- Yellow (79%)
- Black (38%)



- Cyan (62%)
- Magenta (38%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 629D21 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 629D21 by changing the saturation by 10% instead.

 629D21

 629D21

FFFFFF

 478300

 99D458

 2A6900

 B6F173

 075000

 D2FF8E

 003900

 F0FFA9

 002500

 FFFFC6

 000000

 FFFFE2

 629D21

 629D21

 5B9D11

 699D31

■ 539D02

■ 719D40

■ 529D00

■ 789D50

■ 809D60

■ 879D70

■ 8F9D7F

■ 969D8F

■ 9E9D9F

■ A59DAE

Harmonies

Analogous

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



9F8E00



629D21



00A55A

Triad

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



629D21



00A0F8



F55085

Complementary

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



629D21



5C219D

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.



DC5DBF



629D21



0091FF

Square

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



629D21



00A7D0



9C79ED



EE5F4D

Rectangle

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



629D21



00A883



9C79ED



F05299

Sweetspot

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



629D21



B5CC9B



9D5B21



586648



E6E6E6



666666

Same Dimension

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



629D21



70CC0A



259D21



4B4F47



4B8F00



080F00

Inverse Universe

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



5C219D



660ACC



99219D



4B474F



44008F



07000F

Previews

White Background



This preview shows how the Hex color 629D21 looks on a white background.

Color Contrast Check

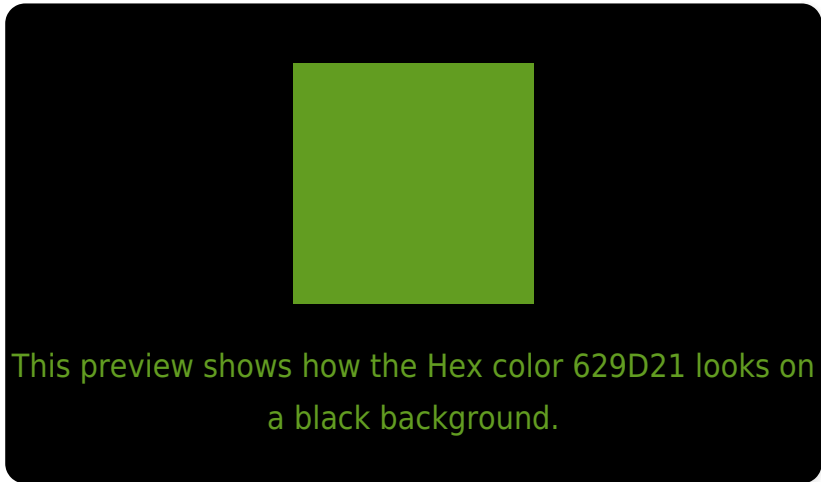
Large Text (above 18pt) WCAG AA ✓ Pass

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 629D21 Background



This preview shows how black text looks on a background with the Hex color 629D21.

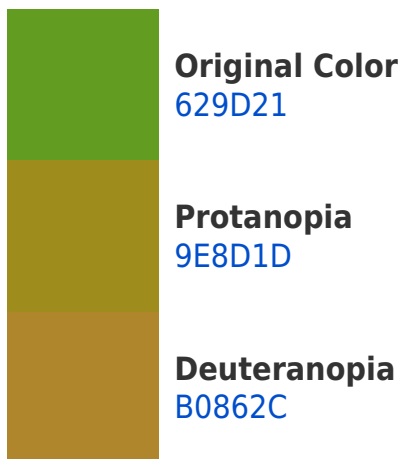


This preview shows how white text looks on a background with the Hex color 629D21.

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
73929E

Trichromacy



Original Color
629D21

Protanomaly
88931E

Deuteranomaly
948E28

Tritanomaly
6D9671

Monochromacy



Original Color
629D21

Achromatopsia
7D7D7D

Achromatomaly
73895C

CSS Examples

Text

The CSS property to change the color of the text to Hex 629D21 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 #629D21 looks like.

```
.text, #text, p{  
    color:#629D21  
}
```

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 #629D21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #629D21
}
```

Border

The CSS property to change the border of an element to Hex 629D21 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
#629D21 }
```

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

```
.border{ border-color:#629D21 }
```

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

Here you see how a box with a 4 pixel #629D21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #629D21; -webkit-box-shadow:4px 4px  
4px 4px #629D21; box-shadow:4px 4px 4px  
4px #629D21 }
```

Background

The CSS property to change the background color of an element to Hex 629D21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#629D21 }
```

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

```
.background{ background-color:#629D21 }
```

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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