

Converting Colors

Hex(9D6B21)

Have a look what the booklet for
Hex(9D6B21) contains.

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Color

Hex(9D6B21)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 9D6B21 |
| RGB | 157, 107, 33 |
| RGB Percent | 62%, 42%, 13% |
| CMY | 0.3843, 0.5804, 0.8706 |
| CMYK | 0.00, 0.32, 0.79, 0.38 |
| HSL | 36°, 65%, 37% |
| HSV | 36°, 79%, 62% |
| XYZ | 19.4368, 17.7933, 3.8489 |
| YIQ | 113.5140, 53.5540, -12.4140 |

Conversions

Conversions Part 2

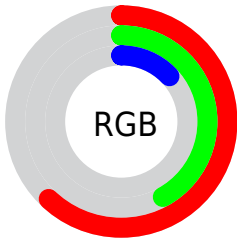
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 117, 157, 33 |
| Decimal | 10316577 |
| CIE Lab | 49.24, 13.35, 46.85 |
| CIE LCh | 49, 48.718, 74.095 |
| Yxy | 17.7933, 0.4732, 0.4331 |
| Android (android.graphics.Color) | 4288506657 (0xFF9D6B21) |
| YUV | 113.5140, -39.6934, 38.1372 |
| Hunter-Lab | 42.1821, 8.4313, 24.1176 |

Details

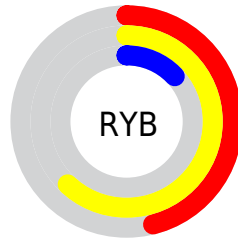
The Hex color **9D6B21** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **21539D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **D79E53**, and **653C00** is the 20% darker color. If you saturate the color by 10%, you get **9D6511**, and if you desaturate by 10%, it is **9D7131**.

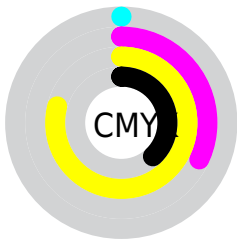
Distribution



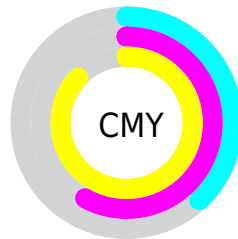
- Red (62%)
- Green (42%)
- Blue (13%)



- Red (46%)
- Yellow (62%)
- Blue (13%)



- Cyan (0%)
- Magenta (32%)
- Yellow (79%)
- Black (38%)



- Cyan (38%)
- Magenta (58%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D6B21 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 9D6B21 by changing the saturation by 10% instead.

 9D6B21

 9D6B21

FFFFFF

 815303

 D79E53

 653C00

 F5B96D

 4A2600

 FFD587

 301200

 FFF1A2

 160000

 FFFFBD

 000000

 FFFFD9

 FFFFF6

 9D6B21

 9D6B21

■ 9D6511

■ 9D7131

■ 9D5E02

■ 9D7840

■ 9D5E00

■ 9D7E50

■ 9D8460

■ 9D8B70

■ 9D917F

■ 9D978F

■ 9D9E9F

■ 9DA4AE

Harmonies

Analogous

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



B75B3D



9D6B21



78791C

Triad

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



9D6B21



008988



9062B1

Complementary

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



9D6B21



21539D

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.



4B73C5



9D6B21



0087AE

Square

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



9D6B21



00885D



0080C4



B5528D

Rectangle

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



9D6B21



5B802B



0080C4



7E68BA

Sweetspot

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



9D6B21



CCB89B



9D2155



665A48



E6E6E6



666666

Same Dimension

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



9D6B21



CC7E0A



939D21



4F4C47



8F5500



0F0900

Inverse Universe

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



21539D



0A58CC



2B219D



474A4F



003A8F



00060F

Previews

White Background



This preview shows how the Hex color 9D6B21 looks on a white background.

Color Contrast Check

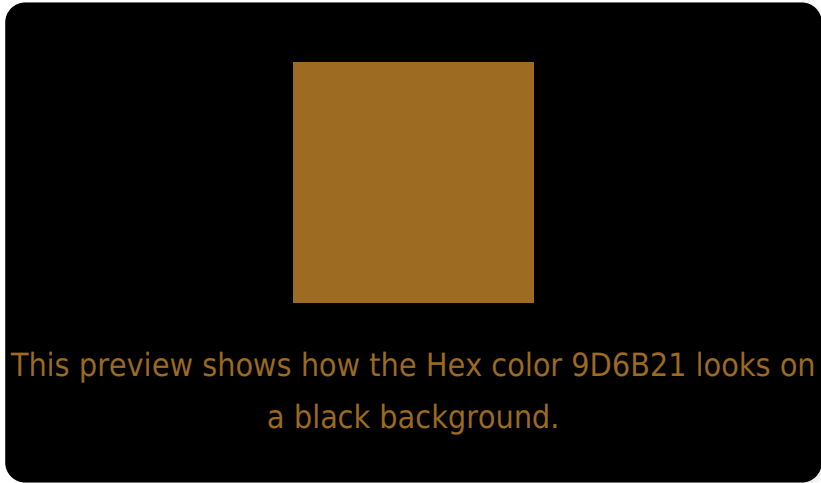
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 9D6B21 Background



This preview shows how black text looks on a background with the Hex color 9D6B21.



This preview shows how white text looks on a background with the Hex color 9D6B21.

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
9D6B21

Protanopia
847624

Deuteranopia
946F1F

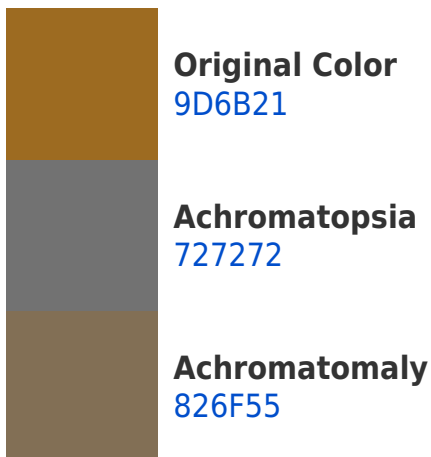


Tritanopia
A1646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D6B21 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 #9D6B21 looks like.

```
.text, #text, p{  
    color:#9D6B21  
}
```

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 #9D6B21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D6B21
}
```

Border

The CSS property to change the border of an element to Hex 9D6B21 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
#9D6B21 }
```

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

```
.border{ border-color:#9D6B21 }
```

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

Here you see how a box with a 4 pixel #9D6B21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D6B21; -webkit-box-shadow:4px 4px  
4px 4px #9D6B21; box-shadow:4px 4px 4px  
4px #9D6B21 }
```

Background

The CSS property to change the background color of an element to Hex 9D6B21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D6B21 }
```

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

```
.background{ background-color:#9D6B21 }
```

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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