

Converting Colors

Hex(B27A05)

Have a look what the booklet for
Hex(B27A05) contains.

Hex(B27A05)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B27A05)

Conversions

Conversions Part 1

Format	Color
Hex	B27A05
RGB	178, 122, 5
RGB Percent	70%, 48%, 2%
CMY	0.3020, 0.5216, 0.9804
CMYK	0.00, 0.31, 0.97, 0.30
HSL	41°, 95%, 36%
HSV	41°, 97%, 70%
XYZ	25.3470, 23.3950, 3.3233
YIQ	125.4060, 70.9330, -24.5150

Conversions

Conversions Part 2

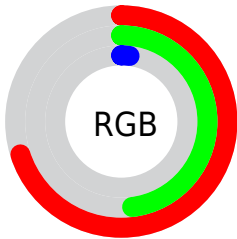
Format	Color
R_{YB}	88, 178, 5
Decimal	11696645
CIE _{Lab}	55.48, 13.74, 60.73
CIE _{LCh}	55, 62.269, 77.248
Yxy	23.3950, 0.4868, 0.4493
Android (android.graphics.Color)	4289886725 (0xFFB27A05)
YUV	125.4060, -59.3602, 46.1249
Hunter-Lab	48.3684, 8.8967, 29.7841

Details

The Hex color **B27A05** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **053DB2**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **EEAE45**, and **784A00** is the 20% darker color. If you saturate the color by 10%, you get **B27800**, and if you desaturate by 10%, it is **B28017**.

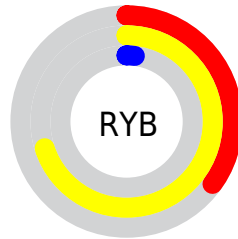
Distribution



Red (70%)

Green (48%)

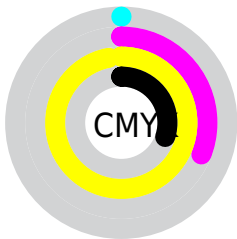
Blue (2%)



Red (35%)

Yellow (70%)

Blue (2%)

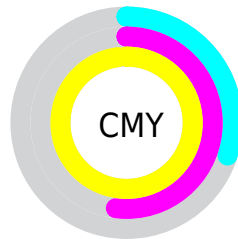


Cyan (0%)

Magenta (31%)

Yellow (97%)

Black (30%)



Cyan (30%)

Magenta (52%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color B27A05 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 B27A05 by changing the saturation by 10% instead.

 B27A05

 B27A05

FFFFFF

 956100

 EEAE45

 784A00

 FFCA60

 5B3300

 FFE67B

 401E00

 FFFF96

 270800

 FFFFB2

 000000

 FFFFCE

 FFFFEB

 B27A05

 B27A05

 B27800

 B28017

 B28629

 B28B3A

 B2914C

 B2975E

 B29D70

 B2A282

 B2A893

 B2AEA5

Harmonies

Analogous

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



D56336



B27A05



828C00

Triad

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



B27A05



009EA3



AE68CF

Complementary

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



B27A05



053DB2

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.



5280ED



B27A05



009BD3

Square

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



B27A05



009C6B



0092EE



DA529E

Rectangle

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



B27A05



599425



0092EE



9770DC

Sweetspot

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



B27A05



E8D2A5



B2053F



75684C



F5F5F5



757575

Same Dimension

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



B27A05



E89D00



95B205



595650



996700



1A1100

Inverse Universe

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



053DB2



004BE8



2205B2



505359



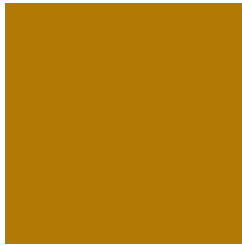
003299



00081A

Previews

White Background



This preview shows how the Hex color B27A05 looks on a white background.

Color Contrast Check

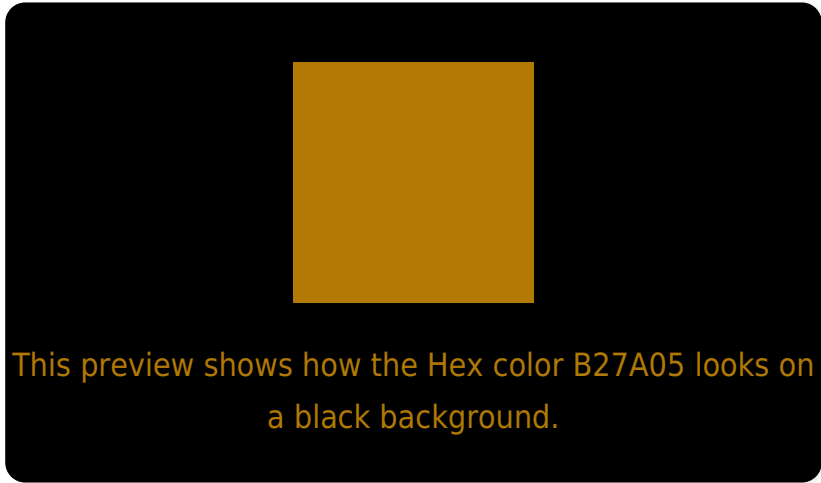
Large Text (above 18pt) WCAG AA ✓ Pass

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 B27A05 Background



This preview shows how black text looks on a background with the Hex color B27A05.



This preview shows how white text looks on a background with the Hex color B27A05.

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
B27A05

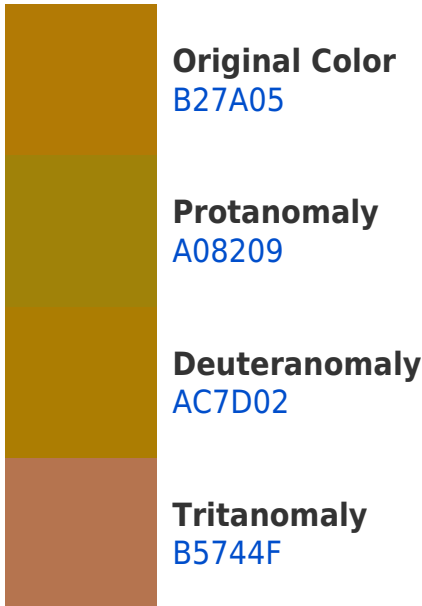
Protanopia
96860C

Deuteranopia
A97E00



Tritanopia
B7717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B27A05 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 #B27A05 looks like.

```
.text, #text, p{  
    color:#B27A05  
}
```

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 #B27A05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B27A05
}
```

Border

The CSS property to change the border of an element to Hex B27A05 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
#B27A05 }
```

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

```
.border{ border-color:#B27A05 }
```

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

Here you see how a box with a 4 pixel #B27A05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B27A05; -webkit-box-shadow:4px 4px  
4px 4px #B27A05; box-shadow:4px 4px 4px  
4px #B27A05 }
```

Background

The CSS property to change the background color of an element to Hex B27A05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B27A05 }
```

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

```
.background{ background-color:#B27A05 }
```

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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