

Converting Colors

Hex(B12580)

Have a look what the booklet for
Hex(B12580) contains.

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Color

Hex(B12580)

Conversions

Conversions Part 1

Format	Color
Hex	B12580
RGB	177, 37, 128
RGB Percent	69%, 15%, 50%
CMY	0.3059, 0.8549, 0.4980
CMYK	0.00, 0.79, 0.28, 0.31
HSL	321°, 65%, 42%
HSV	321°, 79%, 69%
XYZ	22.6893, 12.2288, 21.5866
YIQ	89.2340, 54.2290, 57.9810

Conversions

Conversions Part 2

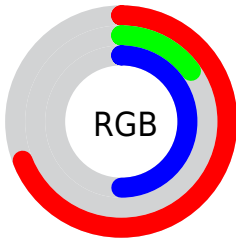
Format	Color
RYB	177, 37, 128
Decimal	11609472
CIELab	41.58, 61.99, -17.35
CIElCh	42, 64.372, 344.365
Yxy	12.2288, 0.4015, 0.2164
Android (android.graphics.Color)	4289799552 (0xFFB12580)
YUV	89.2340, 19.1116, 76.9708
Hunter-Lab	34.9696, 54.6191, -12.1207

Details

The Hex color **B12580** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **25B156**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **EC62B5**, and **78004F** is the 20% darker color. If you saturate the color by 10%, you get **B1137A**, and if you desaturate by 10%, it is **B13786**.

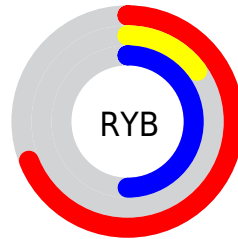
Distribution



Red (69%)

Green (15%)

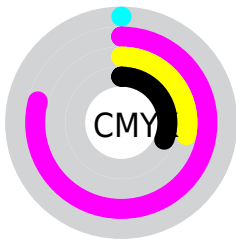
Blue (50%)



Red (69%)

Yellow (15%)

Blue (50%)

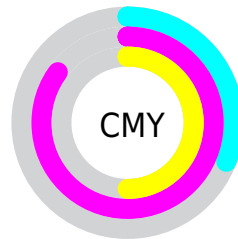


Cyan (0%)

Magenta (79%)

Yellow (28%)

Black (31%)



Cyan (31%)

Magenta (85%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color B12580 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 B12580 by changing the saturation by 10% instead.

 B12580

 B12580

FFFFFF

 940067

 EC62B5

 78004F

 FF7ED1

 5C0038

 FF9AED

 420022

 FFB7FF

 260008

 FFD4FF

 000000

 FFF1FF

 B12580

 B12580

 B1137A

 B13786

 B10274

 B1488C

 B10073

 B15A93

 B16C99

 B17E9F

 B18FA5

 B1A1AB

 B1B3B2

 B1C4B8

Harmonies

Analogous

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



8246AF



B12580



BD1D4B

Triad

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



B12580



606800



0077AC

Complementary

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



B12580



25B156

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.



00797B



B12580



177201

Square

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



B12580



8E5500



007743



0070C9

Rectangle

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



B12580



B63029



007743



00789D

Sweetspot

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



B12580



E6AED2



5625B1



735167



F2F2F2



737373

Same Dimension

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



B12580



E60B99



B1253A



595056



990063



1A0011

Inverse Universe

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



B12580



E60B99



25B19C



595056



990063



1A0011

Previews

White Background



This preview shows how the Hex color B12580 looks on a white background.

Color Contrast Check

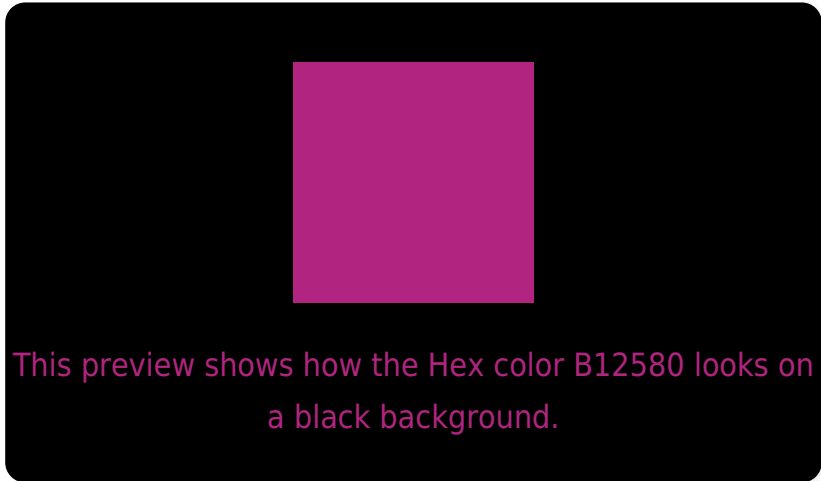
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex B12580 Background



This preview shows how black text looks on a background with the Hex color B12580.

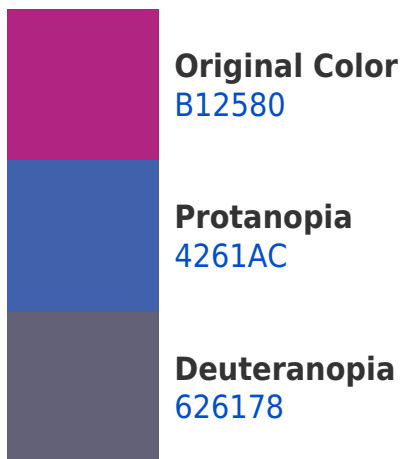


This preview shows how white text looks on a background with the Hex color B12580.

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



Trichromacy



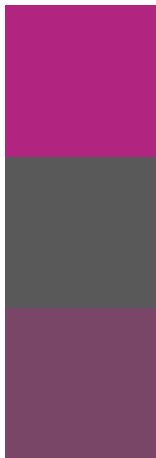
Original Color
B12580

Protanomaly
6A4B9C

Deuteranomaly
7F4B7B

Tritanomaly
AE3357

Monochromacy



Original Color
B12580

Achromatopsia
595959

Achromatomaly
794667

CSS Examples

Text

The CSS property to change the color of the text to Hex B12580 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 #B12580 looks like.

```
.text, #text, p{  
    color:#B12580  
}
```

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 #B12580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B12580
}
```

Border

The CSS property to change the border of an element to Hex B12580 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
#B12580 }
```

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

```
.border{ border-color:#B12580 }
```

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

Here you see how a box with a 4 pixel #B12580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B12580; -webkit-box-shadow:4px 4px  
4px 4px #B12580; box-shadow:4px 4px 4px  
4px #B12580 }
```

Background

The CSS property to change the background color of an element to Hex B12580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B12580 }
```

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

```
.background{ background-color:#B12580 }
```

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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