

Converting Colors

Hex(B20037)

Have a look what the booklet for
Hex(B20037) contains.

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Color

Hex(B20037)

Conversions

Conversions Part 1

Format	Color
Hex	B20037
RGB	178, 0, 55
RGB Percent	70%, 0%, 22%
CMY	0.3020, 1.0000, 0.7843
CMYK	0.00, 1.00, 0.69, 0.30
HSL	341°, 100%, 35%
HSV	341°, 100%, 70%
XYZ	19.0497, 9.7408, 4.4906
YIQ	59.4920, 88.4330, 54.8410

Conversions

Conversions Part 2

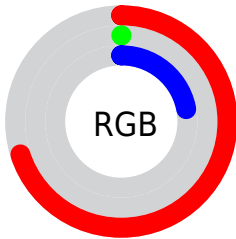
Format	Color
R_{YB}	178, 0, 55
Decimal	11665463
CIE Lab	37.37, 62.55, 22.92
CIE LCh	37, 66.619, 20.126
Yxy	9.7408, 0.5724, 0.2927
Android (android.graphics.Color)	4289855543 (0xFFB20037)
YUV	59.4920, -2.2146, 103.9315
Hunter-Lab	31.2103, 54.3323, 13.3165

Details

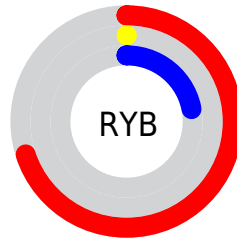
The Hex color **B20037** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00B27B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **F05065**, and **75000D** is the 20% darker color. If you saturate the color by 10%, you get **B20037**, and if you desaturate by 10%, it is **B21243**.

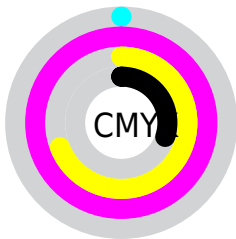
Distribution



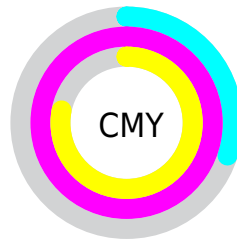
- Red (70%)
- Green (0%)
- Blue (22%)



- Red (70%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (30%)



- Cyan (30%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color B20037 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 B20037 by changing the saturation by 10% instead.

 B20037

 B20037

FFFFFF

 930022

 F05065

 75000D

 FF6D7E

 570001

 FF8A98

 3A0002

 FFA6B3

 130000

 FFC3CE

 000000

 FFE0EB

FFFEFF

 B20037

 B21243

 B22450

 B2355C

 B24768

 B25975

 B26B81

 B27D8D

 B28E99

 B2A0A6

Harmonies

Analogous

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



AC006C



B20037



9F3300

Triad

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



B20037



006900



0064C3

Complementary

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



B20037



00B27B

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.



006CAB



B20037



006D44

Square

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



B20037



4A6000



006E7C



0052BF

Rectangle

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



B20037



884700



006E7C



0068BE

Sweetspot

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



B20037



E8A2B8



7A00B2



754B58



F5F5F5



757575

Same Dimension

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



B20037



E80048



B22100



595053



99002F



1A0008

Inverse Universe

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



B20037



E80048



0091B2



595053



99002F



1A0008

Previews

White Background



This preview shows how the Hex color B20037 looks on a white background.

Color Contrast Check

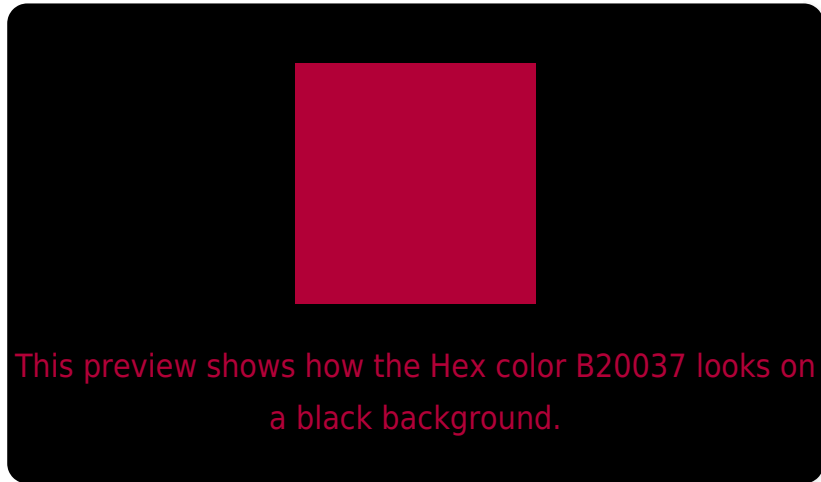
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 B20037 Background



This preview shows how black text looks on a background with the Hex color B20037.

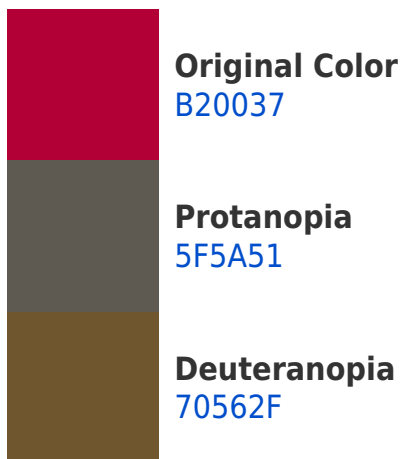


This preview shows how white text looks on a background with the Hex color B20037.

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](#).

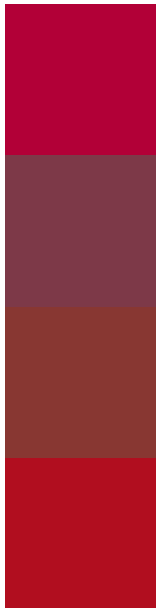
Dichromacy





Tritanopia
B11612

Trichromacy



Original Color
B20037

Protanomaly
7D3948

Deuteranomaly
883732

Tritanomaly
B10E1F

Monochromacy



Original Color
B20037

Achromatopsia
3B3B3B

Achromatomaly
66263A

CSS Examples

Text

The CSS property to change the color of the text to Hex B20037 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 #B20037 looks like.

```
.text, #text, p{  
    color:#B20037  
}
```

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 #B20037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B20037
}
```

Border

The CSS property to change the border of an element to Hex B20037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

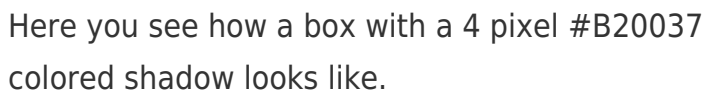
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B20037 }
```

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

```
.border{ border-color:#B20037 }
```

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



Here you see how a box with a 4 pixel #B20037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B20037; -webkit-box-shadow:4px 4px  
4px 4px #B20037; box-shadow:4px 4px 4px  
4px #B20037 }
```

Background

The CSS property to change the background color of an element to Hex B20037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B20037 }
```

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

```
.background{ background-color:#B20037 }
```

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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