

Converting Colors

Hex(230629)

Have a look what the booklet for
Hex(230629) contains.

| | |
|--|----|
| Hex(230629) | 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(230629)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 230629 |
| RGB | 35, 6, 41 |
| RGB Percent | 14%, 2%, 16% |
| CMY | 0.8627, 0.9765, 0.8392 |
| CMYK | 0.15, 0.85, 0.00, 0.84 |
| HSL | 290°, 74%, 9% |
| HSV | 290°, 85%, 16% |
| XYZ | 1.1585, 0.6477, 2.1618 |
| YIQ | 18.6610, 6.0490, 17.0330 |

Conversions

Conversions Part 2

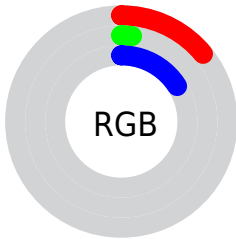
| Format | Color |
|-------------------------------------|---|
| RYB | 35, 6, 41 |
| Decimal | 2295337 |
| CIELab | 5.85, 20.89, -16.48 |
| CIElCh | 6, 26.607, 321.720 |
| Yxy | 0.6477, 0.2920, 0.1632 |
| Android (android.graphics.Color) | 4280485417 (0xFF230629) |
| YUV | 18.6610, 11.0131, 14.3293 |
| Hunter-Lab | 8.0478, 11.6119, -10.2928 |

Details

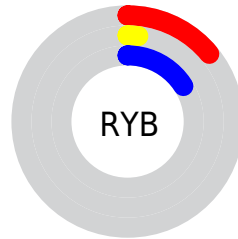
The Hex color **230629** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0C2906**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **513256**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **220229**, and if you desaturate by 10%, it is **240A29**.

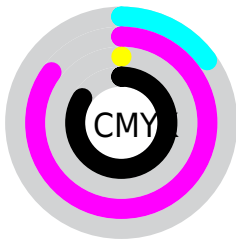
Distribution



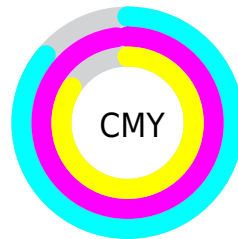
- Red (14%)
- Green (2%)
- Blue (16%)



- Red (14%)
- Yellow (2%)
- Blue (16%)



- Cyan (15%)
- Magenta (85%)
- Yellow (0%)
- Black (84%)



- Cyan (86%)
- Magenta (98%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 230629 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 230629 by changing the saturation by 10% instead.

 230629

 230629

 FFE7FF

 000014

 513256

 000000

 69496F

 836188

 9D7AA3

 B894BE

 D4AFDA

 F0CAF6

 230629

 230629

■ 220229

■ 240A29

■ 220029

■ 240E29

■ 251229

■ 261629

■ 271B29

■ 271F29

■ 282329

■ 292729

■ 292B29

Harmonies

Analogous

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



041034



230629



2F0019

Triad

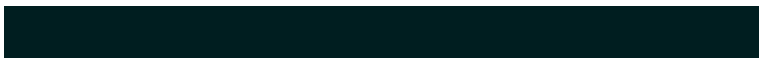
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230629



1E1000



001E20

Complementary

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



230629



0C2906

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.



001D0B



230629



071700

Square

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



230629



2A0700



001B00



001B2E

Rectangle

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



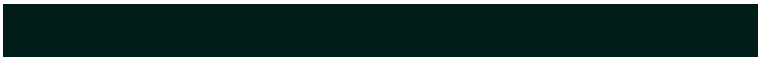
230629



310009



001B00



001D1A

Sweetspot

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



230629



332836



060C29



1B131C



9C9C9C



1C1C1C

Same Dimension

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



230629



2C0036



29061E



141214



460054



AF00D4

Inverse Universe

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



29060C



360009



062911



141213



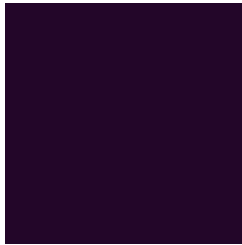
54000E



D40024

Previews

White Background



This preview shows how the Hex color 230629 looks on a white background.

Color Contrast Check

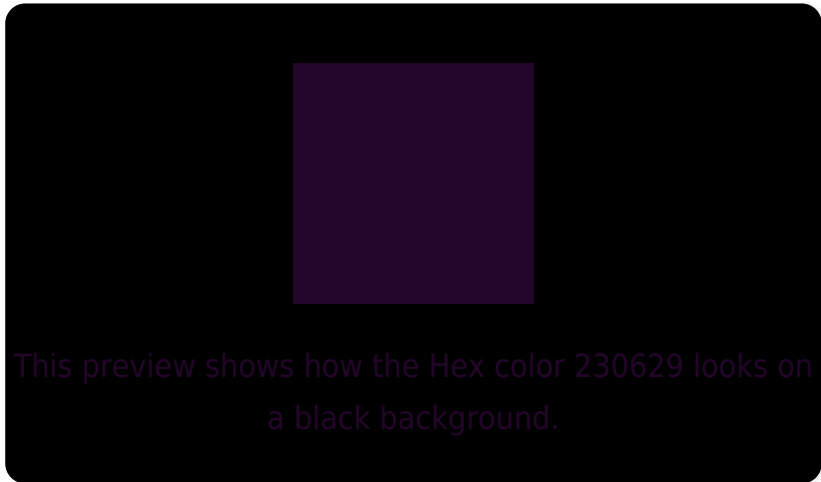
Large Text (above 18pt) WCAG AA ✓ Pass

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

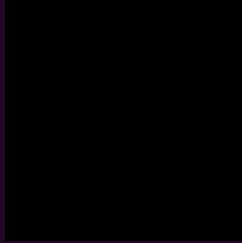
Any Text WCAG AA × Fail

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 230629 Background



This preview shows how black text looks on a background with the Hex color 230629.



This preview shows how white text looks on a background with the Hex color 230629.

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
230629

Protanopia
00152C

Deuteranopia
001627

Trichromacy



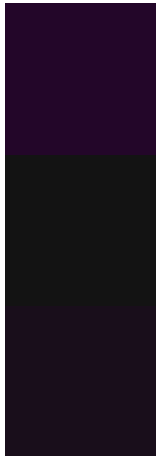
Original Color
230629

Protanomaly
0D102B

Deuteranomaly
0D1028

Tritanomaly
210D1A

Monochromacy



Original Color
230629

Achromatopsia
131313

Achromatomaly
190E1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 230629 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 #230629 looks like.

```
.text, #text, p{  
    color:#230629  
}
```

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 #230629 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #230629
}
```

Border

The CSS property to change the border of an element to Hex 230629 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
#230629 }
```

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

```
.border{ border-color:#230629 }
```

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

Here you see how a box with a 4 pixel #230629 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #230629; -webkit-box-shadow:4px 4px  
4px 4px #230629; box-shadow:4px 4px 4px  
4px #230629 }
```

Background

The CSS property to change the background color of an element to Hex 230629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#230629 }
```

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

```
.background{ background-color:#230629 }
```

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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