

Converting Colors

Hex(22054B)

Have a look what the booklet for
Hex(22054B) contains.

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Color

Hex(22054B)

Conversions

Conversions Part 1

Format	Color
Hex	22054B
RGB	34, 5, 75
RGB Percent	13%, 2%, 29%
CMY	0.8667, 0.9804, 0.7059
CMYK	0.55, 0.93, 0.00, 0.71
HSL	265°, 88%, 16%
HSV	265°, 93%, 29%
XYZ	1.9840, 0.9566, 6.7367
YIQ	21.6510, -5.1860, 27.9180

Conversions

Conversions Part 2

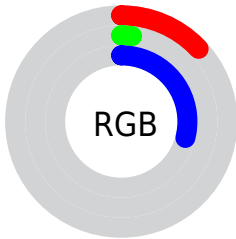
Format	Color
R_{YB}	34, 5, 75
Decimal	2229579
CIE _{Lab}	8.62, 31.53, -36.65
CIE _{LCh}	9, 48.342, 310.706
Yxy	0.9566, 0.2050, 0.0989
Android (android.graphics.Color)	4280419659 (0xFF22054B)
YUV	21.6510, 26.3011, 10.8301
Hunter-Lab	9.7807, 19.0914, -33.9909




Details

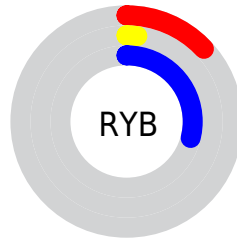
The Hex color **22054B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2E4B05**, and the grayscale version is **151515**.




A 20% lighter version of the original color is **54327D**, and **00021E** is the 20% darker color. If you saturate the color by 10%, you get **1F004B**, and if you desaturate by 10%, it is **260D4B**.

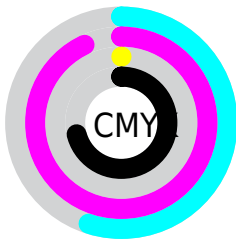
Distribution







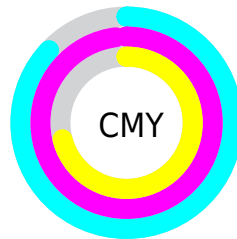
-  Red (13%)
-  Green (2%)
-  Blue (29%)






-  Red (13%)
-  Yellow (2%)
-  Blue (29%)



-  Cyan (55%)
-  Magenta (93%)
-  Yellow (0%)
-  Black (71%)



-  Cyan (87%)
-  Magenta (98%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22054B 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 22054B by changing the saturation by 10% instead.

 22054B

 22054B

 FFE9FF

 0D0034

 54327D

 00021E

 6E4A97

 000000

 8962B2

 A47CCE

 BF96EA

 DCB1FF

 F9CCFF

 22054B

 22054B

■ 1F004B

■ 260D4B

■ 2B144B

■ 2F1C4B

■ 34234B

■ 382B4B

■ 3C324B

■ 413A4B

■ 45414B

■ 4A494B

Harmonies

Analogous

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



001B5A



22054B



44002F

Triad

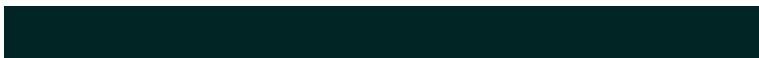
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22054B



310E00



002524

Complementary

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



22054B



2E4B05

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.



002400



22054B



151B00

Square

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



22054B



440000



002300



002743

Rectangle

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



22054B



4B001A



002300



002519

Sweetspot

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



22054B



514661



052F4B



272030



B0B0B0



303030

Same Dimension

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



22054B



280061



44054B



242226



2A0066



5F00E6

Inverse Universe

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



4B052E



610039



0C4B05



262225



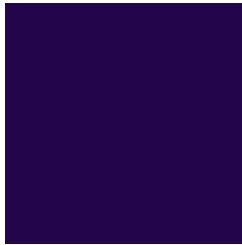
66003C



E60086

Previews

White Background



This preview shows how the Hex color 22054B looks on a white background.

Color Contrast Check

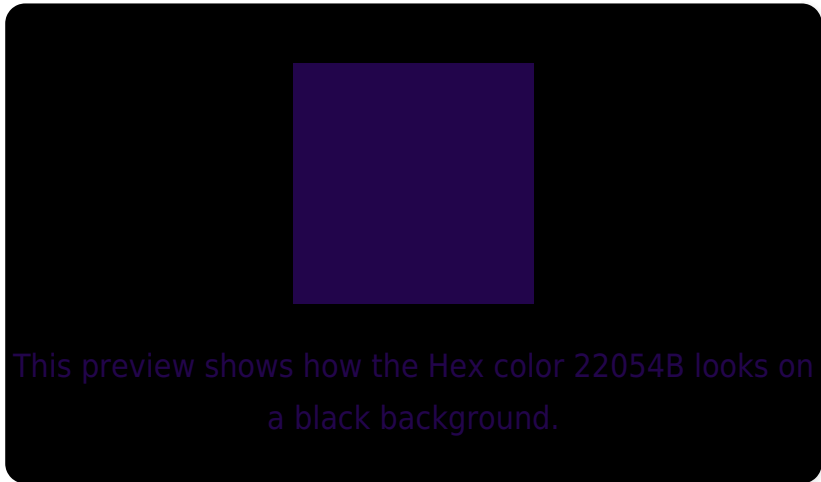
Large Text (above 18pt) WCAG AA ✓ Pass

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

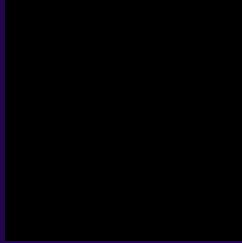
Any Text WCAG AA × Fail

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 22054B Background



This preview shows how black text looks on a background with the Hex color 22054B.



This preview shows how white text looks on a background with the Hex color 22054B.

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
22054B

Protanopia
001B38

Tritanopia
131D20

Trichromacy

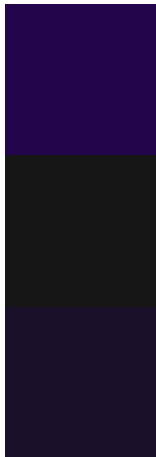


Original Color
22054B

Protanomaly
0C133F

Tritanomaly
181430

Monochromacy



Original Color
22054B

Achromatopsia
161616

Achromatomaly
1A1029

CSS Examples

Text

The CSS property to change the color of the text to Hex 22054B 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 #22054B looks like.

```
.text, #text, p{  
    color:#22054B  
}
```

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 #22054B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22054B
}
```

Border

The CSS property to change the border of an element to Hex 22054B 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
#22054B }
```

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

```
.border{ border-color:#22054B }
```

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

Here you see how a box with a 4 pixel #22054B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22054B; -webkit-box-shadow:4px 4px  
4px 4px #22054B; box-shadow:4px 4px 4px  
4px #22054B }
```

Background

The CSS property to change the background color of an element to Hex 22054B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22054B }
```

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

```
.background{ background-color:#22054B }
```

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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