

Converting Colors

Hex(55204E)

Have a look what the booklet for
Hex(55204E) contains.

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Color

Hex(55204E)

Conversions

Conversions Part 1

Format	Color
Hex	55204E
RGB	85, 32, 78
RGB Percent	33%, 13%, 31%
CMY	0.6667, 0.8745, 0.6941
CMYK	0.00, 0.62, 0.08, 0.67
HSL	308°, 45%, 23%
HSV	308°, 62%, 33%
XYZ	5.6380, 3.5144, 7.5889
YIQ	53.0910, 16.8220, 25.5420

Conversions

Conversions Part 2

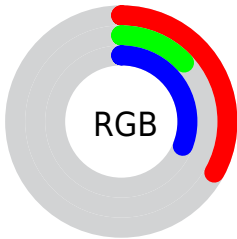
Format	Color
RYB	85, 32, 78
Decimal	5578830
CIELab	22.00, 31.22, -16.80
CIElCh	22, 35.453, 331.721
Yxy	3.5144, 0.3368, 0.2099
Android (android.graphics.Color)	4283768910 (0xFF55204E)
YUV	53.0910, 12.2801, 27.9842
Hunter-Lab	18.7467, 20.8763, -10.8788

Details

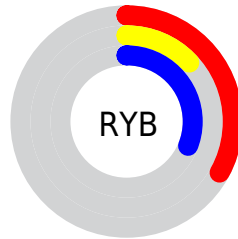
The Hex color **55204E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **205527**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **88507F**, and **280022** is the 20% darker color. If you saturate the color by 10%, you get **55184D**, and if you desaturate by 10%, it is **55284F**.

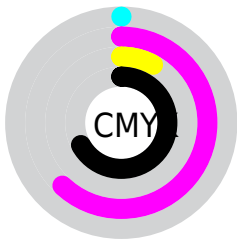
Distribution



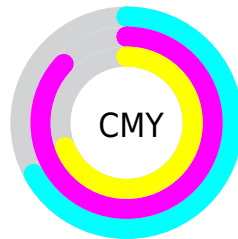
- Red (33%)
- Green (13%)
- Blue (31%)



- Red (33%)
- Yellow (13%)
- Blue (31%)



- Cyan (0%)
- Magenta (62%)
- Yellow (8%)
- Black (67%)



- Cyan (67%)
- Magenta (87%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55204E 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 55204E by changing the saturation by 10% instead.

■ 55204E

■ 55204E

FFFFFF

■ 3D0737

■ 88507F

■ 280022

■ A36999

■ 000007

■ BF82B4

■ 000000

■ DB9DD0

■ F8B8EC

■ FFD4FF

■ FFF1FF

■ 55204E

■ 55204E

■ 55184D

■ 55284F

■ 550F4C

■ 553150

■ 55074B

■ 553951

■ 55004A

■ 554252

■ 554A54

■ 555355

■ 555B56

■ 556457

■ 556C58

Harmonies

Analogous

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



352D62



55204E



621834

Triad

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



55204E



403400



004050

Complementary

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



55204E



205527

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.



004035



55204E



253B00

Square

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



55204E



542A01



003F1A



003E63

Rectangle

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



55204E



631B23



003F1A



004147

Sweetspot

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



55204E



6E596B



262055



382B36



B8B8B8



383838

Same Dimension

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



55204E



6E1B63



552034



2B272B



6B005D



EB00CC

Inverse Universe

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



55204E



6E1B63



205541



2B272B



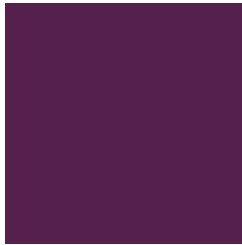
6B005D



EB00CC

Previews

White Background



This preview shows how the Hex color 55204E 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

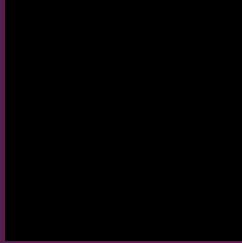
Any Text WCAG AA × Fail

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 55204E Background



This preview shows how black text looks on a background with the Hex color 55204E.

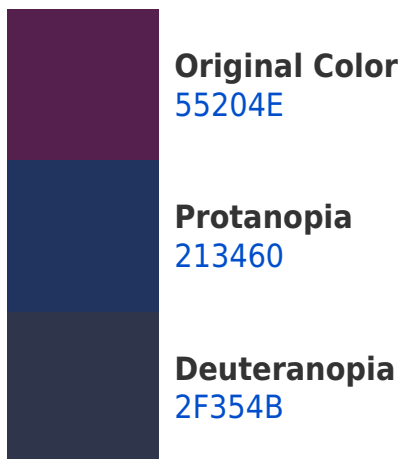


This preview shows how white text looks on a background with the Hex color 55204E.

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
51292C

Trichromacy



Original Color
55204E

Protanomaly
342D59

Deuteranomaly
3D2D4C

Tritanomaly
522638

Monochromacy



Original Color
55204E

Achromatopsia
353535

Achromatomaly
412D3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 55204E 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 #55204E looks like.

```
.text, #text, p{  
    color:#55204E  
}
```

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 #55204E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55204E
}
```

Border

The CSS property to change the border of an element to Hex 55204E 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".

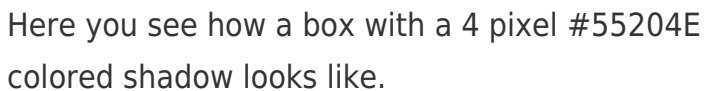
```
.border, #border, table{ border:4px solid
#55204E }
```

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

```
.border{ border-color:#55204E }
```

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

Here you see how a box with a 4 pixel #55204E colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55204E; -webkit-box-shadow:4px 4px  
4px 4px #55204E; box-shadow:4px 4px 4px  
4px #55204E }
```

Background

The CSS property to change the background color of an element to Hex 55204E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55204E }
```

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

```
.background{ background-color:#55204E }
```

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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