

Converting Colors

Hex(20194E)

Have a look what the booklet for
Hex(20194E) contains.

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Color

Hex(20194E)

Conversions

Conversions Part 1

Format	Color
Hex	20194E
RGB	32, 25, 78
RGB Percent	13%, 10%, 31%
CMY	0.8745, 0.9020, 0.6941
CMYK	0.59, 0.68, 0.00, 0.69
HSL	248°, 51%, 20%
HSV	248°, 68%, 31%
XYZ	2.3184, 1.5524, 7.3852
YIQ	33.1350, -12.8410, 17.9670

Conversions

Conversions Part 2

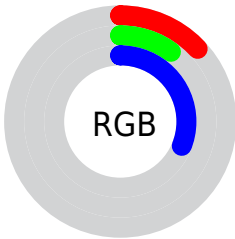
Format	Color
RYB	32, 25, 78
Decimal	2103630
CIELab	12.94, 20.28, -31.67
CIELCh	13, 37.607, 302.629
Yxy	1.5524, 0.2060, 0.1379
Android (android.graphics.Color)	4280293710 (0xFF20194E)
YUV	33.1350, 22.1184, -0.9954
Hunter-Lab	12.4595, 11.4107, -26.4215

Details

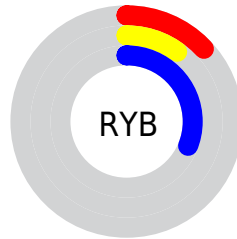
The Hex color **20194E** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **474E19**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **514480**, and **000221** is the 20% darker color. If you saturate the color by 10%, you get **19114E**, and if you desaturate by 10%, it is **27214E**.

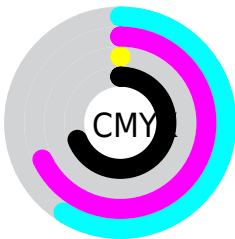
Distribution



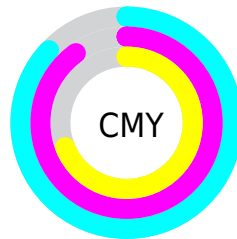
- Red (13%)
- Green (10%)
- Blue (31%)



- Red (13%)
- Yellow (10%)
- Blue (31%)



- Cyan (59%)
- Magenta (68%)
- Yellow (0%)
- Black (69%)



- Cyan (87%)
- Magenta (90%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20194E 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 20194E by changing the saturation by 10% instead.

■ 20194E

■ 20194E

■ FFFDFF

■ 0A0037

■ 514480

■ 000221

■ 6B5C9A

■ 000005

■ 8575B5

■ 000000

■ A08ED1

■ BBA9ED

■ D7C4FF

■ F4E0FF

■ 20194E

■ 20194E

■ 19114E

■ 27214E

■ 12094E

■ 2E294E

■ 0C024E

■ 34304E

■ 0A004E

■ 3B384E

■ 42404E

■ 49484E

■ 4F504E

■ 56574E

■ 5D5F4E

Harmonies

Analogous

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



002456



20194E



41063A

Triad

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



20194E



3D1600



002C23

Complementary

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



20194E



474E19

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.



002B03



20194E



292100

Square

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



20194E



4B0300



0E2700



002C3D

Rectangle

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



20194E



4B0029



0E2700



002C1A

Sweetspot

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



20194E



545266



19484E



282733



B3B3B3



333333

Same Dimension

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



20194E



1D1266



3A194E



232226



0D0066



1E00E6

Inverse Universe

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



4E1947



66125B



2D4E19



262226



660059



E600C7

Previews

White Background



This preview shows how the Hex color 20194E looks on a white background.

Color Contrast Check

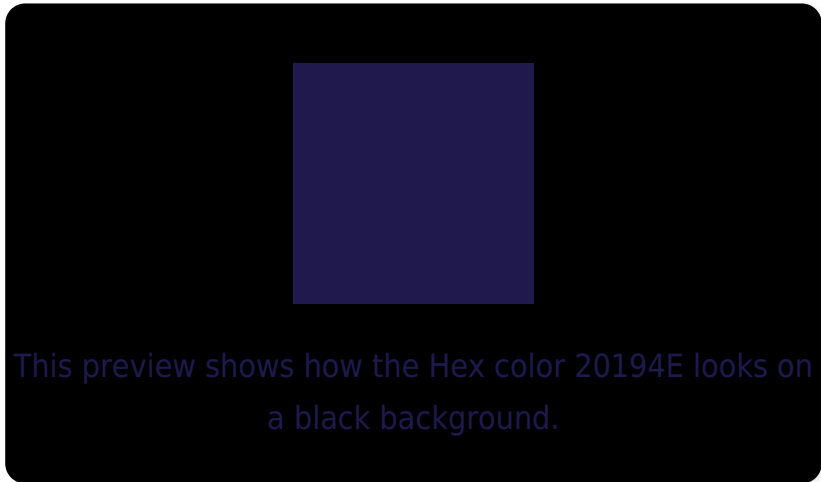
Large Text (above 18pt) WCAG AA ✓ Pass

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

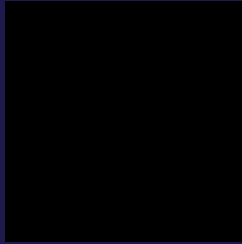
Any Text WCAG AA × Fail

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 20194E Background



This preview shows how black text looks on a background with the Hex color 20194E.



This preview shows how white text looks on a background with the Hex color 20194E.

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
20194E

Protanopia
002145

Deuteranopia
00233C

Trichromacy



Original Color
20194E

Protanomaly
0C1E48

Deuteranomaly
0C1F43

Tritanomaly
152136

Monochromacy



Original Color
20194E

Achromatopsia
212121

Achromatomaly
211E31

CSS Examples

Text

The CSS property to change the color of the text to Hex 20194E 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 #20194E looks like.

```
.text, #text, p{  
    color:#20194E  
}
```

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 #20194E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20194E
}
```

Border

The CSS property to change the border of an element to Hex 20194E is called "border". The border property can be set on classes, ids or directly on the HTML element.

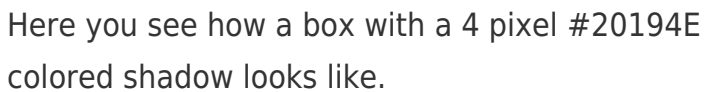
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#20194E }
```

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

```
.border{ border-color:#20194E }
```

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



Here you see how a box with a 4 pixel #20194E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20194E; -webkit-box-shadow:4px 4px  
4px 4px #20194E; box-shadow:4px 4px 4px  
4px #20194E }
```

Background

The CSS property to change the background color of an element to Hex 20194E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20194E }
```

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

```
.background{ background-color:#20194E }
```

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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