

Converting Colors

Hex(194D45)

Have a look what the booklet for
Hex(194D45) contains.

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Color

Hex(194D45)

Conversions

Conversions Part 1

Format	Color
Hex	194D45
RGB	25, 77, 69
RGB Percent	10%, 30%, 27%
CMY	0.9020, 0.6980, 0.7294
CMYK	0.68, 0.00, 0.10, 0.70
HSL	171°, 51%, 20%
HSV	171°, 68%, 30%
XYZ	4.1290, 5.9441, 6.5599
YIQ	60.5400, -28.4240, -13.5120

Conversions

Conversions Part 2

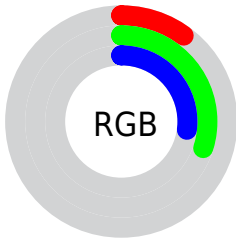
Format	Color
R_{YB}	25, 53, 77
Decimal	1658181
CIE Lab	29.27, -19.37, -0.35
CIE LCh	29, 19.370, 181.040
Yxy	5.9441, 0.2482, 0.3574
Android (android.graphics.Color)	4279848261 (0xFF194D45)
YUV	60.5400, 4.1708, -31.1686
Hunter-Lab	24.3805, -12.4361, 1.1135

Details

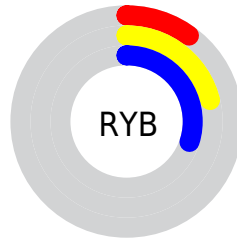
The Hex color **194D45** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4D1921**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **4C7E75**, and **00211A** is the 20% darker color. If you saturate the color by 10%, you get **114D44**, and if you desaturate by 10%, it is **214D46**.

Distribution



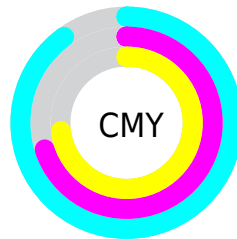
- Red (10%)
- Green (30%)
- Blue (27%)



- Red (10%)
- Yellow (21%)
- Blue (30%)



- Cyan (68%)
- Magenta (0%)
- Yellow (10%)
- Black (70%)



- Cyan (90%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 194D45 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 194D45 by changing the saturation by 10% instead.

 194D45

 194D45

FFFFFF

 00362F

 4C7E75

 00211A

 65988F

 000000

 7FB3A9

 9ACFC4

 B5EBE0

 D1FFFD

 EEEFFF

 194D45

 194D45

■ 114D44

■ 214D46

■ 0A4D43

■ 284D47

■ 024D41

■ 304D49

■ 004D41

■ 384D4A

■ 3F4D4B

■ 474D4C

■ 4F4D4D

■ 574D4E

■ 5E4D50

Harmonies

Analogous

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



2D4C36



194D45



084D54

Triad

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



194D45



47415F



5B3F2B

Complementary

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



194D45



4D1921

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.



623B36



194D45



583C54

Square

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



194D45



304663



613945



4E4427

Rectangle

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



194D45



0F4B5C



613945



5E3D2E

Sweetspot

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



194D45



506360



224D19



273331



B3B3B3



333333

Same Dimension

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



194D45



136357



193C4D



222626



006656



00E6C2

Inverse Universe

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



4D1921



63131F



4D2A19



262223



660010



E60023

Previews

White Background



This preview shows how the Hex color 194D45 looks on a white background.

Color Contrast Check

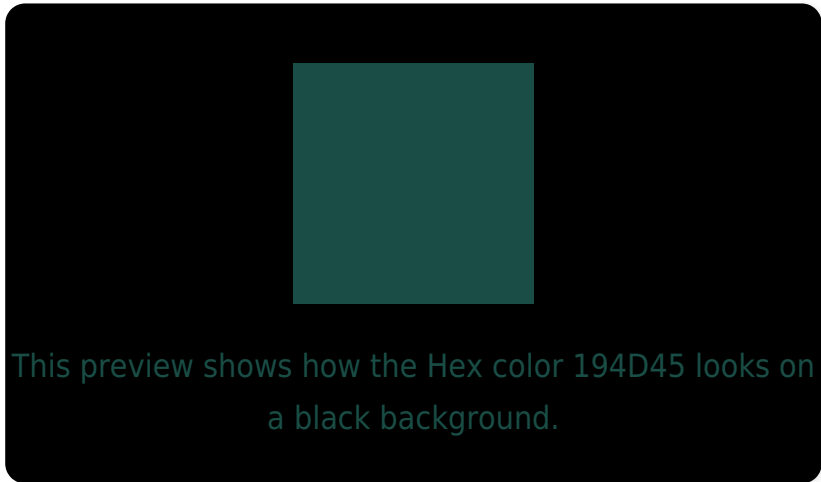
Large Text (above 18pt) WCAG AA ✓ Pass

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

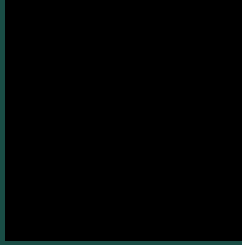
Any Text WCAG AA × Fail

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 194D45 Background



This preview shows how black text looks on a background with the Hex color 194D45.



This preview shows how white text looks on a background with the Hex color 194D45.

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
194D45

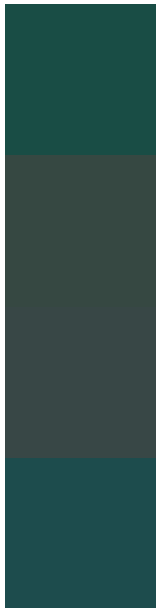
Protanopia
474540

Deuteranopia
4A4347



Tritanopia
1F4B51

Trichromacy



Original Color
194D45

Protanomaly
364842

Deuteranomaly
384746

Tritanomaly
1D4C4D

Monochromacy



Original Color
194D45

Achromatopsia
3D3D3D

Achromatomaly
304340

CSS Examples

Text

The CSS property to change the color of the text to Hex 194D45 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 #194D45 looks like.

```
.text, #text, p{  
    color:#194D45  
}
```

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 #194D45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #194D45
}
```

Border

The CSS property to change the border of an element to Hex 194D45 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
#194D45 }
```

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

```
.border{ border-color:#194D45 }
```

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

Here you see how a box with a 4 pixel #194D45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #194D45; -webkit-box-shadow:4px 4px  
4px 4px #194D45; box-shadow:4px 4px 4px  
4px #194D45 }
```

Background

The CSS property to change the background color of an element to Hex 194D45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#194D45 }
```

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

```
.background{ background-color:#194D45 }
```

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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