

Converting Colors

HunterLab(30.1879, -13.8039,
-2.5502)

Have a look what the booklet for
HunterLab(30.1879, -13.8039,
-2.5502) contains.

HunterLab(30.1743, -13.8318, -2.4568)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(30.1743,
-13.8318, -2.4568)**

Conversions

Conversions Part 1

Format	Color
Hex	1F5E5E
RGB	31, 94, 94
RGB Percent	12%, 37%, 37%
CMY	0.8784, 0.6314, 0.6314
CMYK	0.67, 0.00, 0.00, 0.63
HSL	180°, 50%, 25%
HSV	180°, 67%, 37%
XYZ	6.5882, 9.1049, 11.9999
YIQ	75.1630, -37.5480, -13.3560

Conversions

Conversions Part 2

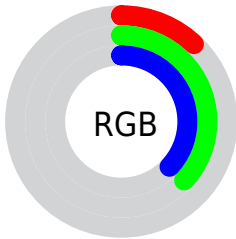
Format	Color
R _Y B	31, 63, 94
Decimal	2055774
CIE Lab	36.19, -19.55, -5.91
CIE LCh	36, 20.422, 196.832
Yxy	9.1052, 0.2379, 0.3288
Android (android.graphics.Color)	4280245854 (0xFF1F5E5E)
YUV	75.1630, 9.2866, -38.7310
Hunter-Lab	30.1743, -13.8318, -2.4568

Details

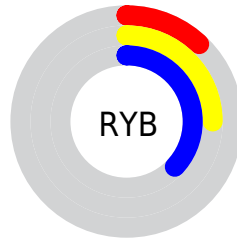
The HunterLab color **30.1743, -13.8318, -2.4568** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **18.5981, 18.8372, 7.6562**, and the grayscale version is **26.5620, -1.4173, 1.4432**.

A 20% lighter version of the original color is **49.1891, -17.4748, -1.7996**, and **14.9881, -7.7693, -1.9621** is the 20% darker color. If you saturate the color by 10%, you get **29.9666, -14.6439, -2.7435**, and if you desaturate by 10%, it is **30.4518, -12.7620, -2.0778**.

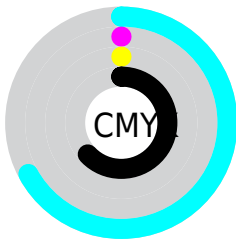
Distribution



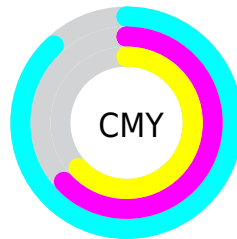
- Red (12%)
- Green (37%)
- Blue (37%)



- Red (12%)
- Yellow (25%)
- Blue (37%)



- Cyan (67%)
- Magenta (0%)
- Yellow (0%)
- Black (63%)



- Cyan (88%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.1743, -13.8318, -2.4568 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 HunterLab color 30.1743, -13.8318, -2.4568 by changing the saturation by 10% instead.

30.1743, -13.8318,
-2.4568

30.1743, -13.8318,
-2.4568

135.7059,
-28.5832, 0.8927

21.9314, -11.9274,
-2.5479

49.0901, -17.3534,
-2.0633

14.6156, -9.8547,
-2.5537

59.6363, -19.0270,
-1.7779

8.2755, -10.7348,
-2.6077

70.8453, -20.6643,
-1.4409

0.0000, NaN, NaN

0.0000, NaN, NaN

82.6801, -22.2755,
-1.0566

0.0000, NaN, NaN

95.1090, -23.8680,
-0.6284

0.0000, NaN, NaN

0.0000, NaN, NaN

108.1050,

-25.4475, -0.1592

0.0000, NaN, NaN

121.6443,
-27.0181, 0.3485

■ 30.1743, -13.8318,
-2.4568

■ 30.1743, -13.8318,
-2.4568

■ 29.9666, -14.6439,
-2.7435

■ 30.4518, -12.7620,
-2.0778

■ 29.8220, -15.2115,
-2.9441

■ 30.8010, -11.4281,
-1.6056

■ 29.7186, -15.6191,
-3.0881

■ 31.2249, -9.8309,
-1.0398

■ 29.6881, -15.7394,
-3.1306

■ 31.7248, -7.9770,
-0.3824

■ 32.3013, -5.8778,
0.3628

■ 32.9540, -3.5482,
1.1906

■ 33.6817, -1.0060,
2.0951

■ 34.4828, 1.7293,
3.0697

■ 35.3552, 4.6378,
4.1074

Harmonies

Analogous

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



30.1749, -14.0240, 4.5107



30.1743, -13.8318, -2.4568



30.1749, -10.5710, -9.7218

Triad

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



30.1749, -13.8319, -2.4564



30.1749, 9.2466, -8.9143



30.1749, 1.6310, 11.9140

Complementary

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



30.1743, -13.8318, -2.4568



18.5981, 18.8372, 7.6562

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.



30.1749, 8.5327, 9.8037



30.1743, -13.8318, -2.4568



30.1749, 13.2012, -1.5382

Square

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



30.1749, -13.8319, -2.4564



30.1749, 2.5331, -14.0116



30.1749, 12.9282, 5.2365



30.1749, -5.5441, 11.7801

Rectangle

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



30.1743, -13.8318, -2.4568



30.1749, -6.9040, -13.2739



30.1749, 12.9282, 5.2365



30.1749, 4.0725, 11.4695

Sweetspot

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



30.1749, -13.8319, -2.4564



42.4556, -8.8148, 0.1118



29.0045, -20.9249, 14.8557



20.7142, -4.5635, -0.0335



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



30.1749, -13.8319, -2.4564



39.5382, -19.8263, -3.7890



21.7165, -1.8880, -15.5642



16.1879, -1.9623, 0.5113



34.9208, -18.5136, -3.6824



81.7180, -43.3236, -8.6171

Inverse Universe

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



18.5981, 18.8372, 7.6562



22.1541, 30.4364, 11.8005



24.2172, 5.9475, 11.8523



15.3238, 0.3429, 1.2215



18.1455, 31.0747, 11.7251



42.4622, 72.7178, 27.4379

Previews

White Background



This preview shows how the HunterLab color 30.1743, -13.8318, -2.4568 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



This preview shows how the HunterLab color 30.1743, -13.8318, -2.4568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

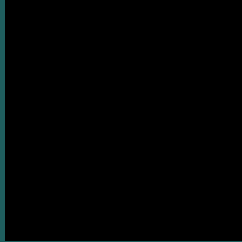
Any Text WCAG AA × Fail

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](#).

HunterLab 30.1743, -13.8318, -2.4568 Background



This preview shows how black text looks on a background with the HunterLab color 30.1743, -13.8318, -2.4568.



This preview shows how white text looks on a background with the HunterLab color 30.1743,

-13.8318, -2.4568.

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

30.1743, -13.8318, -2.4568

Protanopia

29.9608, -0.7294, 0.1786

Deuteranopia

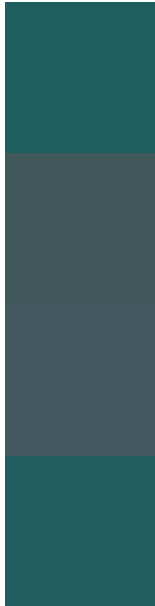
30.1757, 1.7857, -3.1180



Tritanopia

30.2086, -11.7601, -5.7559

Trichromacy



Original Color

30.1743, -13.8318, -2.4568

Protanomaly

29.7346, -6.9212, -1.0863

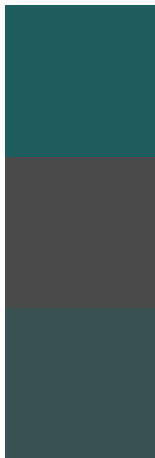
Deuteranomaly

29.7253, -5.2493, -3.3698

Tritanomaly

30.0843, -12.4275, -4.4529

Monochromacy



Original Color

30.1743, -13.8318, -2.4568

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

27.5202, -7.0126, -0.3630

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.1743, -13.8318, -2.4568 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 `rgb(31, 94, 94)` looks like.

```
.text, #text, p{  
    color:rgb(31, 94, 94)  
}
```

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 rgb(31, 94, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 94, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 30.1743, -13.8318, -2.4568 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 rgb(31, 94, 94) }
```


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

```
.border{ border-color:rgb(31, 94, 94) }
```

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

Here you see how a box with a 4 pixel rgb(31, 94, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 94, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 94, 94);  
box-shadow:4px 4px 4px 4px rgb(31, 94, 94)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.1743, -13.8318, -2.4568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 94, 94) }
```

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

```
.background{ background-color: rgb(31, 94,  
94) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor