

Converting Colors

HunterLab(18.2370, 3.9510,
-11.5561)

Have a look what the booklet for
HunterLab(18.2370, 3.9510,
-11.5561) contains.

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Color

**HunterLab(18.1733, 4.1763,
-11.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	31304D
RGB	49, 48, 77
RGB Percent	19%, 19%, 30%
CMY	0.8078, 0.8118, 0.6980
CMYK	0.36, 0.38, 0.00, 0.70
HSL	242°, 23%, 25%
HSV	242°, 38%, 30%
XYZ	3.6631, 3.3027, 7.4656
YIQ	51.6050, -8.7130, 9.2310

Conversions

Conversions Part 2

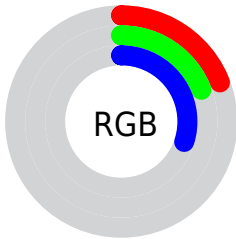
Format	Color
R_{YB}	49, 48, 77
Decimal	3223629
CIE _{Lab}	21.22, 8.47, -17.69
CIE _{LCh}	21, 19.614, 295.588
Yxy	3.3028, 0.2538, 0.2289
Android (android.graphics.Color)	4281413709 (0xFF31304D)
YUV	51.6050, 12.5197, -2.2846
Hunter-Lab	18.1733, 4.1763, -11.6350

Details

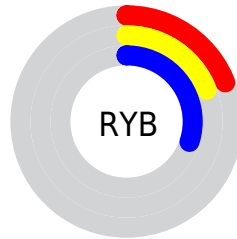
The HunterLab color **18.1733, 4.1763, -11.6350** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **26.5663, -5.0487, 10.0407**, and the grayscale version is **18.3597, -0.9796, 0.9975**.

A 20% lighter version of the original color is **34.6389, 4.2729, -12.3667**, and **3.7692, 9.3680, -20.1465** is the 20% darker color. If you saturate the color by 10%, you get **15.9904, 6.0164, -16.0751**, and if you desaturate by 10%, it is **20.4662, 2.5129, -7.6852**.

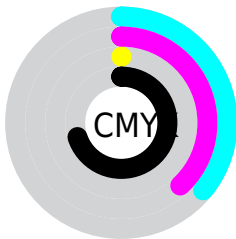
Distribution



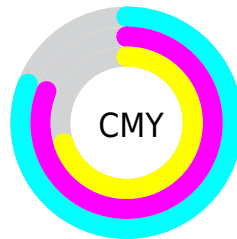
- Red (19%)
- Green (19%)
- Blue (30%)



- Red (19%)
- Yellow (19%)
- Blue (30%)



- Cyan (36%)
- Magenta (38%)
- Yellow (0%)
- Black (70%)



- Cyan (81%)
- Magenta (81%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1733, 4.1763, -11.6350 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 18.1733, 4.1763, -11.6350 by changing the saturation by 10% instead.

■ 18.1733, 4.1763,
-11.6350

■ 18.1733, 4.1763,
-11.6350

■ 114.8513, 3.0363,
-13.1734

■ 11.3657, 3.8788,
-11.2001

■ 34.6427, 4.4163,
-12.4315

■ 3.6720, 9.8562,
-20.7979

■ 44.1104, 4.4019,
-12.7306

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 54.3114, 4.3152,
-12.9593

0.0000, NaN, NaN

■ 65.1962, 4.1647,
-13.1208

0.0000, NaN, NaN

■ 76.7243, 3.9569,
-13.2191

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.8617, 3.6969,

-13.2582

0.0000, NaN, NaN

101.5791, 3.3889,
-13.2419

■ 18.1733, 4.1763,
-11.6350

■ 18.1733, 4.1763,
-11.6350

■ 15.9904, 6.0164,
-16.0751

■ 20.4662, 2.5129,
-7.6852

■ 13.9422, 8.0751,
-21.1256

■ 22.8497, 0.9889,
-4.1214

■ 12.0655, 10.3840,
-26.8857

■ 25.3107, -0.4269,
-0.8583

■ 10.4120, 12.9269,
-33.3395

■ 27.8393, -1.7586,
2.1703

■ 9.0499, 15.5617,
-40.1502

■ 30.4276, -3.0247,
5.0151

■ 7.7671, 18.9063,
-48.4794

■ 33.0697, -4.2397,
7.7150

■ 7.4361, 19.9401,
-51.0506

■ 35.7608, -5.4145,
10.2999

■ 38.4967, -6.5578,
12.7931

■ 41.2743, -7.6761,
15.2127

Harmonies

Analogous

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



18.1736, -1.8326, -13.3379



18.1733, 4.1763, -11.6350



18.1736, 9.3321, -6.2014

Triad

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



18.1736, 4.1762, -11.6345



18.1736, 5.8725, 7.8147



18.1736, -10.9277, 1.7976

Complementary

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



18.1733, 4.1763, -11.6350



26.5663, -5.0487, 10.0407

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.



18.1736, -9.3913, 6.0794



18.1733, 4.1763, -11.6350



18.1736, -0.0924, 8.7787

Square

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



18.1736, 4.1762, -11.6345



18.1736, 10.3955, 5.0492



18.1736, -5.6017, 8.2632



18.1736, -10.0873, -4.2975

Rectangle

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



18.1733, 4.1763, -11.6350



18.1736, 11.3309, -1.8973



18.1736, -5.6017, 8.2632



18.1736, -10.6782, 3.4684

Sweetspot

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



18.1736, 4.1762, -11.6345



31.7669, 0.1185, -2.6663



25.1749, -7.5738, -1.1558



16.1768, 0.1224, -1.5088



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



18.1736, 4.1762, -11.6345



21.1209, 7.5767, -20.3072



19.2926, 7.6552, -9.5557



12.8829, -0.1496, -0.6011



9.9096, 26.6508, -68.6365



23.9504, 64.7521, -168.5242

Inverse Universe

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



20.5270, 11.2275, -6.9041



25.0237, 18.6025, -11.5785



25.5545, -8.7828, 9.1047



13.1379, 0.7118, -0.2126



19.2763, 37.6333, -23.3731



46.8957, 91.5086, -56.5045

Previews

White Background



This preview shows how the HunterLab color 18.1733, 4.1763, -11.6350 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

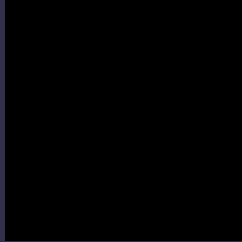
Any Text WCAG AA × Fail

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](#).

HunterLab 18.1733, 4.1763, -11.6350 Background



This preview shows how black text looks on a background with the HunterLab color 18.1733, 4.1763, -11.6350.



This preview shows how white text looks on a background with the HunterLab color 18.1733, 4.1763, -11.6350.

-11.6350.

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

18.1733, 4.1763, -11.6350

Protanopia

18.2130, 2.0997, -12.8209

Deuteranopia

18.2230, 0.6794, -11.0054



Tritanopia

18.1024, -2.2898, -1.1394

Trichromacy



Original Color

18.1733, 4.1763, -11.6350

Protanomaly

18.1167, 2.9003, -12.3743

Deuteranomaly

18.2115, 1.8603, -11.0059

Tritanomaly

18.2172, -0.1728, -4.5642

Monochromacy



Original Color

18.1733, 4.1763, -11.6350

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.4618, 0.4817, -2.7939

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1733, 4.1763, -11.6350 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(49, 48, 77)` looks like.

```
.text, #text, p{  
    color:rgb(49, 48, 77)  
}
```

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(49, 48, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 48, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1733, 4.1763, -11.6350 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(49, 48, 77) }
```


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

```
.border{ border-color:rgb(49, 48, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 48, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 48, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 48, 77);  
box-shadow:4px 4px 4px 4px rgb(49, 48, 77)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.1733, 4.1763, -11.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 48, 77) }
```

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

```
.background{ background-color: rgb(49, 48,  
77) }
```

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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