

Converting Colors

HunterLab(19.8937, -4.0096,
-12.9015)

Have a look what the booklet for
HunterLab(19.8937, -4.0096,
-12.9015) contains.

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Color

**HunterLab(19.9774, -4.1590,
-12.6556)**

Conversions

Conversions Part 1

Format	Color
Hex	113C54
RGB	17, 60, 84
RGB Percent	7%, 24%, 33%
CMY	0.9333, 0.7647, 0.6706
CMYK	0.80, 0.29, 0.00, 0.67
HSL	201°, 66%, 20%
HSV	201°, 80%, 33%
XYZ	3.4472, 3.9910, 8.9761
YIQ	49.8790, -33.3320, -1.6520

Conversions

Conversions Part 2

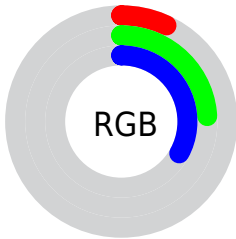
Format	Color
R_{YB}	17, 43, 84
Decimal	1129556
CIE Lab	23.64, -5.36, -18.70
CIE LCh	24, 19.450, 253.997
Yxy	3.9911, 0.2100, 0.2431
Android (android.graphics.Color)	4279319636 (0xFF113C54)
YUV	49.8790, 16.8217, -28.8349
Hunter-Lab	19.9774, -4.1590, -12.6556

Details

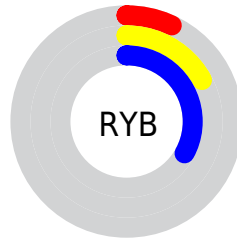
The HunterLab color **19.9774, -4.1590, -12.6556** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18.7389, 10.5530, 10.0531**, and the grayscale version is **17.7731, -0.9483, 0.9656**.

A 20% lighter version of the original color is **36.8459, -5.5746, -13.6861**, and **7.6098, 0.3465, -10.2597** is the 20% darker color. If you saturate the color by 10%, you get **19.0291, -3.5588, -14.4703**, and if you desaturate by 10%, it is **20.9954, -4.5262, -10.8281**.

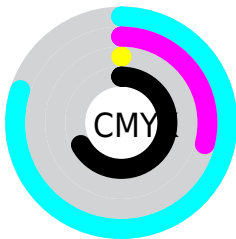
Distribution



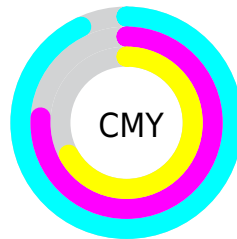
- Red (7%)
- Green (24%)
- Blue (33%)



- Red (7%)
- Yellow (17%)
- Blue (33%)



- Cyan (80%)
- Magenta (29%)
- Yellow (0%)
- Black (67%)



- Cyan (93%)
- Magenta (76%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9774, -4.1590, -12.6556 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 19.9774, -4.1590, -12.6556 by changing the saturation by 10% instead.

■ 19.9774, -4.1590,
-12.6556

■ 19.9774, -4.1590,
-12.6556

■ 118.1494,
-12.0257, -14.3538

■ 12.9174, -3.3350,
-12.2050

■ 36.8673, -5.8020,
-13.4782

■ 6.3497, -4.0189,
-14.0097

■ 46.5179, -6.6388,
-13.7934

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 56.8887, -7.4910,
-14.0398

0.0000, NaN, NaN

■ 67.9329, -8.3605,
-14.2203

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.6117, -9.2482,
-14.3382

0.0000, NaN, NaN

■ 91.8922, -10.1548,

-14.3975

0.0000, NaN, NaN

104.7463,
-11.0806, -14.4016

19.9774, -4.1590,
-12.6556

19.9774, -4.1590,
-12.6556

19.0291, -3.5588,
-14.4703

20.9954, -4.5262,
-10.8281

18.1056, -2.8856,
-16.3605

22.0805, -4.6652,
-8.9977

18.0831, -2.8694,
-16.4081

23.2300, -4.5890,
-7.1736

24.4401, -4.3140,
-5.3632

25.7069, -3.8574,
-3.5719

■ 27.0266, -3.2363,
-1.8033

■ 28.3955, -2.4673,
-0.0593

■ 29.8101, -1.5653,
1.6593

■ 31.2673, -0.5442,
3.3525

Harmonies

Analogous

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



19.9777, -8.7301, -8.1719



19.9774, -4.1590, -12.6556



19.9777, 1.8102, -12.8174

Triad

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



19.9777, -4.1589, -12.6552



19.9777, 11.4497, 3.5714



19.9777, -8.4878, 7.4972

Complementary

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



19.9774, -4.1590, -12.6556



18.7389, 10.5530, 10.0531

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.



19.9777, -3.7901, 9.0924



19.9774, -4.1590, -12.6556



19.9777, 7.9597, 7.3233

Square

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



19.9777, -4.1589, -12.6552



19.9777, 11.3204, -2.1924



19.9777, 2.2251, 9.0400



19.9777, -11.0198, 3.8910

Rectangle

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



19.9774, -4.1590, -12.6556



19.9777, 5.8253, -10.3638



19.9777, 2.2251, 9.0400



19.9777, -7.1356, 8.2315

Sweetspot

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



19.9777, -4.1589, -12.6552



34.8276, -4.7198, -3.5657



25.7220, -18.6961, 10.8015



17.4321, -2.4795, -2.0707



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



19.9777, -4.1589, -12.6552



24.0285, -3.6886, -21.4122



12.4324, 10.1841, -32.1610



14.2135, -1.1834, 0.0628



22.4424, -3.1669, -21.2146



52.2493, -4.9762, -54.5650

Inverse Universe

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



16.1620, 23.3194, -5.3157



19.6340, 34.7565, -5.7770



26.1081, -3.2802, 14.8255



13.8630, 0.6062, 0.2174



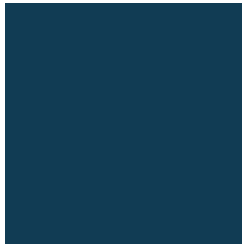
18.3916, 33.7059, -5.2454



43.9678, 80.2258, -9.8025

Previews

White Background



This preview shows how the HunterLab color 19.9774, -4.1590, -12.6556 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 19.9774, -4.1590, -12.6556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

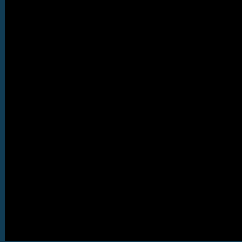
Any Text WCAG AA × Fail

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 19.9774, -4.1590, -12.6556 Background



This preview shows how black text looks on a background with the HunterLab color 19.9774, -4.1590, -12.6556.



This preview shows how white text looks on a background with the HunterLab color 19.9774, -4.1590, -12.6556.

-12.6556.

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

19.9774, -4.1590, -12.6556

Protanopia

20.1507, 1.3100, -9.8909

Deuteranopia

19.9945, 1.1668, -13.1439



Tritanopia

19.9308, -9.6150, -4.1557

Trichromacy



Original Color

19.9774, -4.1590, -12.6556

Protanomaly

19.7829, -1.1336, -11.1603

Deuteranomaly

19.8046, -0.7463, -13.5389

Tritanomaly

19.9459, -7.7555, -7.1030

Monochromacy



Original Color

19.9774, -4.1590, -12.6556

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.4342, -3.3269, -3.3572

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9774, -4.1590, -12.6556 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(17, 60, 84)` looks like.

```
.text, #text, p{  
    color:rgb(17, 60, 84)  
}
```

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(17, 60, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 60, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9774, -4.1590, -12.6556 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(17, 60, 84) }
```


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

```
.border{ border-color:rgb(17, 60, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 60, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 60, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 60, 84);  
box-shadow:4px 4px 4px 4px rgb(17, 60, 84)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.9774, -4.1590, -12.6556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 60, 84) }
```

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

```
.background{ background-color: rgb(17, 60,  
84) }
```

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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