

Converting Colors

HunterLab(24.5171, -1.9204,
-19.9427)

Have a look what the booklet for
HunterLab(24.5171, -1.9204,
-19.9427) contains.

HunterLab(24.5564, -1.9566, -19.8349)	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(24.5564, -1.9566,
-19.8349)**

Conversions

Conversions Part 1

Format	Color
Hex	1F486D
RGB	31, 72, 109
RGB Percent	12%, 28%, 43%
CMY	0.8784, 0.7176, 0.5725
CMYK	0.72, 0.34, 0.00, 0.57
HSL	208°, 56%, 27%
HSV	208°, 72%, 43%
XYZ	5.6428, 6.0302, 15.3346
YIQ	63.9590, -36.3130, 2.8150

Conversions

Conversions Part 2

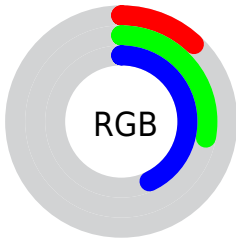
Format	Color
R_{YB}	31, 58, 109
Decimal	2050157
CIE _{Lab}	29.49, -1.02, -25.63
CIE _{LCh}	29, 25.647, 267.728
Yxy	6.0304, 0.2089, 0.2233
Android (android.graphics.Color)	4280240237 (0xFF1F486D)
YUV	63.9590, 22.2052, -28.9050
Hunter-Lab	24.5564, -1.9566, -19.8349




Details

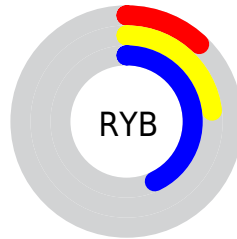
The HunterLab color **24.5564, -1.9566, -19.8349** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **27.3586, 8.3730, 14.1948**, and the grayscale version is **22.5634, -1.2039, 1.2259**.




A 20% lighter version of the original color is **42.3526, -2.9078, -21.1560**, and **11.0257, 1.4547, -16.9214** is the 20% darker color. If you saturate the color by 10%, you get **22.9088, -0.7571, -23.3419**, and if you desaturate by 10%, it is **26.3177, -2.8024, -16.4270**.

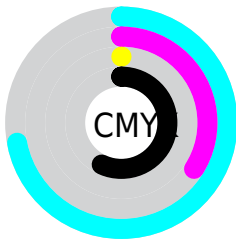
Distribution







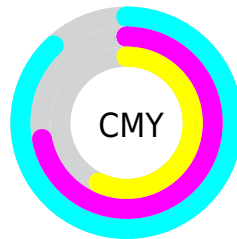
-  Red (12%)
-  Green (28%)
-  Blue (43%)






-  Red (12%)
-  Yellow (23%)
-  Blue (43%)



-  Cyan (72%)
-  Magenta (34%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (88%)
-  Magenta (72%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.5564, -1.9566, -19.8349 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 24.5564, -1.9566, -19.8349 by changing the saturation by 10% instead.

■ 24.5564, -1.9566,
-19.8349

■ 24.5564, -1.9566,
-19.8349

■ 126.2318, -7.8588,
-22.9984

■ 16.9220, -1.4725,
-19.3565

■ 42.4195, -3.0405,
-20.8892

■ 10.3001, -1.0308,
-19.1741

■ 52.4974, -3.6363,
-21.3620

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 63.2671, -4.2652,
-21.7787

0.0000, NaN, NaN

■ 74.6866, -4.9258,
-22.1366

0.0000, NaN, NaN

■ 86.7209, -5.6166,
-22.4356

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.3399, -6.3364,

-22.6775

0.0000, NaN, NaN

112.5178, -7.0842,
-22.8643

■ 24.5564, -1.9566,
-19.8349

■ 24.5564, -1.9566,
-19.8349

■ 22.9088, -0.7571,
-23.3419

■ 26.3177, -2.8024,
-16.4270

■ 21.3819, 0.8140,
-26.9291

■ 28.1817, -3.3247,
-13.1315

■ 20.1481, 2.2870,
-30.1203

■ 30.1397, -3.5563,
-9.9516

■ 32.1830, -3.5303,
-6.8852

■ 34.3036, -3.2775,
-3.9263

■ 36.4945, -2.8254,
-1.0670

■ 38.7497, -2.1984,
1.7016

■ 41.0638, -1.4177,
4.3886

■ 43.4320, -0.5014,
7.0030

Harmonies

Analogous

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



24.5568, -9.4455, -15.7842



24.5564, -1.9566, -19.8349



24.5568, 6.7675, -16.7991

Triad

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



24.5568, -1.9564, -19.8344



24.5568, 14.9003, 7.5277



24.5568, -13.6626, 8.2752

Complementary

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



24.5564, -1.9566, -19.8349



27.3586, 8.3730, 14.1948

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.



24.5568, -8.4648, 11.5028



24.5564, -1.9566, -19.8349



24.5568, 8.0417, 11.1858

Square

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



24.5568, -1.9564, -19.8344



24.5568, 17.2528, 0.7121



24.5568, -0.6601, 12.3521



24.5568, -15.6057, 1.9453

Rectangle

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



24.5564, -1.9566, -19.8349



24.5568, 11.9947, -11.5945



24.5568, -0.6601, 12.3521



24.5568, -12.2761, 9.6656

Sweetspot

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



24.5568, -1.9564, -19.8344



45.8955, -4.3870, -5.2644



34.1158, -22.7678, 11.2843



21.8620, -2.1597, -2.9166



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



24.5568, -1.9564, -19.8344



29.2420, 0.3688, -34.5032



15.8653, 15.9607, -44.0131



18.0659, -1.3047, -0.1636



21.6779, 2.6788, -32.8783



47.1113, 9.4668, -79.3211

Inverse Universe

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



21.6780, 27.6616, -2.9265



26.4016, 42.8029, -2.0691



37.0689, -8.2924, 20.6226



17.7225, 0.8128, 0.4531



20.3636, 36.5626, 0.0626



45.7742, 81.8333, 2.8848

Previews

White Background



This preview shows how the HunterLab color 24.5564, -1.9566, -19.8349 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 24.5564, -1.9566, -19.8349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

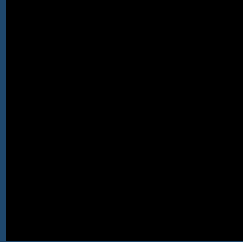
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

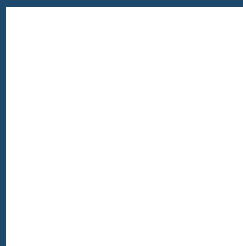
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 24.5564, -1.9566, -19.8349 Background



This preview shows how black text looks on a background with the HunterLab color 24.5564, -1.9566, -19.8349.



This preview shows how white text looks on a background with the HunterLab color 24.5564, -1.9566, -19.8349.

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

24.5564, -1.9566, -19.8349

Protanopia

24.5267, 2.9248, -17.7979

Deuteranopia

24.4671, 1.7939, -20.6396



Tritanopia

24.3563, -11.7315, -5.1183

Trichromacy



Original Color

24.5564, -1.9566, -19.8349

Protanomaly

24.3354, 1.0875, -18.8753

Deuteranomaly

24.4490, 0.4290, -20.7011

Tritanomaly

24.2405, -8.6519, -9.9799

Monochromacy



Original Color

24.5564, -1.9566, -19.8349

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

23.0728, -2.6913, -5.3322

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.5564, -1.9566, -19.8349 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, 72, 109)` looks like.

```
.text, #text, p{  
    color:rgb(31, 72, 109)  
}
```

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, 72, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 72, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 24.5564, -1.9566, -19.8349 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, 72, 109) }
```


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

```
.border{ border-color:rgb(31, 72, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 72, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 72, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 72, 109);  
box-shadow:4px 4px 4px 4px rgb(31, 72,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.5564, -1.9566, -19.8349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 72, 109) }
```

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

```
.background{ background-color: rgb(31, 72,  
109) }
```

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