

Converting Colors

HunterLab(12.5208, 1.3749,
-5.5196)

Have a look what the booklet for
HunterLab(12.5208, 1.3749, -5.5196)
contains.

HunterLab(12.6191, 1.1491, -5.3423)	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(12.6191, 1.1491,
-5.3423)**

Conversions

Conversions Part 1

Format	Color
Hex	1F2130
RGB	31, 33, 48
RGB Percent	12%, 13%, 19%
CMY	0.8784, 0.8706, 0.8118
CMYK	0.35, 0.31, 0.00, 0.81
HSL	233°, 22%, 15%
HSV	233°, 35%, 19%
XYZ	1.6424, 1.5924, 3.0171
YIQ	34.1120, -6.0070, 4.2410

Conversions

Conversions Part 2

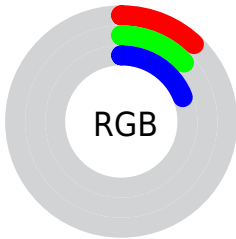
Format	Color
RYB	31, 33, 48
Decimal	2040112
CIELab	13.18, 3.47, -10.20
CIElCh	13, 10.779, 288.800
Yxy	1.5925, 0.2627, 0.2547
Android (android.graphics.Color)	4280230192 (0xFF1F2130)
YUV	34.1120, 6.8468, -2.7292
Hunter-Lab	12.6191, 1.1491, -5.3423

Details

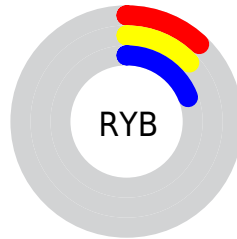
The HunterLab color **12.6191, 1.1491, -5.3423** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.3747, -2.0219, 5.3607**, and the grayscale version is **12.6637, -0.6757, 0.6880**.

A 20% lighter version of the original color is **27.5894, 0.7337, -5.7440**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.4147, 1.8905, -7.4579**, and if you desaturate by 10%, it is **13.8664, 0.4891, -3.4036**.

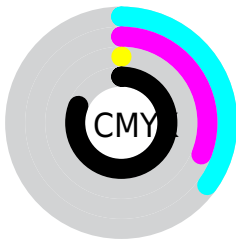
Distribution



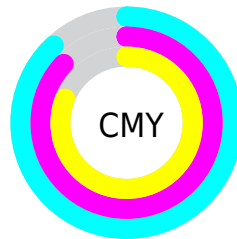
- Red (12%)
- Green (13%)
- Blue (19%)



- Red (12%)
- Yellow (13%)
- Blue (19%)



- Cyan (35%)
- Magenta (31%)
- Yellow (0%)
- Black (81%)



- Cyan (88%)
- Magenta (87%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.6191, 1.1491, -5.3423 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 12.6191, 1.1491, -5.3423 by changing the saturation by 10% instead.

■ 12.6191, 1.1491,
-5.3423

■ 12.6191, 1.1491,
-5.3423

104.1458, -1.9542,
-4.8520

■ 5.9374, 2.2321,
-6.8623

■ 27.6091, 0.8657,
-5.7362

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.4437, 0.6137,
-5.8032

0.0000, NaN, NaN

■ 46.0600, 0.3025,
-5.7948

0.0000, NaN, NaN

■ 56.3990, -0.0611,
-5.7189

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.4133, -0.4722,
-5.5818

0.0000, NaN, NaN

■ 79.0637, -0.9267,

0.0000, NaN, NaN

-5.3888

91.3174, -1.4215,
-5.1443

12.6191, 1.1491,
-5.3423

12.6191, 1.1491,
-5.3423

11.4147, 1.8905,
-7.4579

13.8664, 0.4891,
-3.4036

10.2596, 2.7324,
-9.7902

15.1503, -0.1045,
-1.6095

9.1636, 3.6961,
-12.3815

16.4669, -0.6441,
0.0672

8.1393, 4.8034,
-15.2700

17.8126, -1.1395,
1.6483

7.1922, 6.0395,
-18.5143

19.1847, -1.5986,
3.1515

■ 6.2638, 7.3741,
-22.4799

■ 20.5809, -2.0276,
4.5906

■ 5.7965, 8.1726,
-24.8874

■ 21.9995, -2.4314,
5.9771

■ 23.4387, -2.8141,
7.3200

■ 24.8973, -3.1791,
8.6268

Harmonies

Analogous

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



12.6193, -1.7253, -5.6034



12.6191, 1.1491, -5.3423



12.6193, 3.7396, -3.2710

Triad

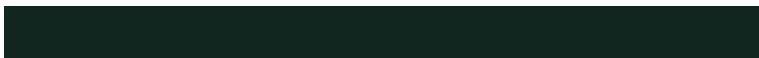
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.6193, 1.1490, -5.3420



12.6193, 3.1595, 4.0252



12.6193, -5.6316, 1.6621

Complementary

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



12.6191, 1.1491, -5.3423



16.3747, -2.0219, 5.3607

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.



12.6193, -4.5537, 3.6717



12.6191, 1.1491, -5.3423



12.6193, 0.4129, 4.8399

Square

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



12.6193, 1.1490, -5.3420



12.6193, 4.9699, 2.2602



12.6193, -2.3990, 4.7184



12.6193, -5.4727, -1.1194

Rectangle

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



12.6191, 1.1491, -5.3423



12.6193, 4.8778, -1.3568



12.6193, -2.3990, 4.7184



12.6193, -5.4060, 2.4373

Sweetspot

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



12.6193, 1.1490, -5.3420



19.7320, -0.4010, -1.1990



16.1258, -4.8644, 0.4489



10.5486, -0.2159, -0.6356



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



12.6193, 1.1490, -5.3420



14.5769, 2.2586, -9.0503



12.6138, 3.3257, -5.3132



8.6656, -0.2731, -0.1933



9.5114, 17.4881, -49.6403



23.5991, 53.3639, -144.6943

Inverse Universe

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



13.1080, 4.0710, 1.6400



15.4053, 6.7683, 2.3832



16.4323, -4.3192, 5.3724



8.7131, 0.0912, 0.5676



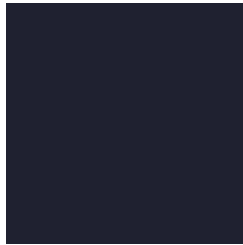
14.2625, 24.5816, 8.0011



37.9438, 65.1672, 23.0666

Previews

White Background



This preview shows how the HunterLab color 12.6191, 1.1491, -5.3423 looks on a white background.

Color Contrast Check

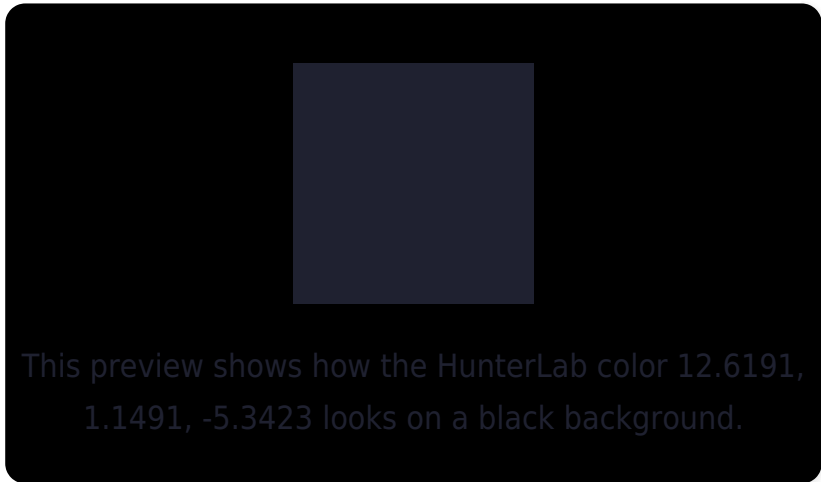
Large Text (above 18pt) WCAG AA ✓ Pass

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

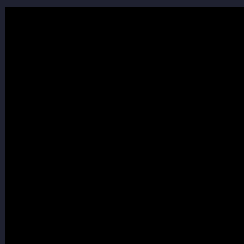
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

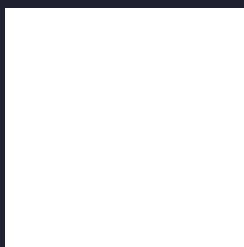
Any Text WCAG AAA × Fail

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

HunterLab 12.6191, 1.1491, -5.3423 Background



This preview shows how black text looks on a background with the HunterLab color 12.6191, 1.1491, -5.3423.



This preview shows how white text looks on a background with the HunterLab color 12.6191, 1.1491, -5.3423.

-5.3423.

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

12.6191, 1.1491, -5.3423

Protanopia

12.4993, 0.7478, -5.5491

Deuteranopia

12.7227, 0.3549, -5.1854



Tritanopia

12.6618, -1.6100, -0.8126

Trichromacy



Original Color

12.6191, 1.1491, -5.3423

Protanomaly

12.5584, 0.9462, -5.4468

Deuteranomaly

12.7807, 0.5517, -5.0870

Tritanomaly

12.5986, -0.4357, -2.5531

Monochromacy



Original Color

12.6191, 1.1491, -5.3423

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.7038, -0.2359, -1.1344

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6191, 1.1491, -5.3423 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, 33, 48)` looks like.

```
.text, #text, p{  
  color:rgb(31, 33, 48)  
}
```

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, 33, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 33, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6191, 1.1491, -5.3423 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, 33, 48) }
```


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

```
.border{ border-color:rgb(31, 33, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 33, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 33, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 33, 48);  
box-shadow:4px 4px 4px 4px rgb(31, 33, 48)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.6191, 1.1491, -5.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 33, 48) }
```

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

```
.background{ background-color: rgb(31, 33,  
48) }
```

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