

Converting Colors

HunterLab(19.3490, 19.6534,
-46.0940)

Have a look what the booklet for
HunterLab(19.3490, 19.6534,
-46.0940) contains.

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Color

**HunterLab(19.3518, 19.5989,
-46.1553)**

Conversions

Conversions Part 1

Format	Color
Hex	33297C
RGB	51, 41, 124
RGB Percent	20%, 16%, 49%
CMY	0.8000, 0.8392, 0.5137
CMYK	0.59, 0.67, 0.00, 0.51
HSL	247°, 50%, 32%
HSV	247°, 67%, 49%
XYZ	5.7963, 3.7449, 19.4861
YIQ	53.4520, -20.6830, 27.9330

Conversions

Conversions Part 2

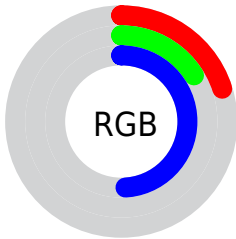
Format	Color
R_{YB}	51, 41, 124
Decimal	3352956
CIE _{Lab}	22.81, 29.52, -45.79
CIE _{LCh}	23, 54.487, 302.811
Yxy	3.7450, 0.1997, 0.1290
Android (android.graphics.Color)	4281543036 (0xFF33297C)
YUV	53.4520, 34.7802, -2.1504
Hunter-Lab	19.3518, 19.5989, -46.1553

Details

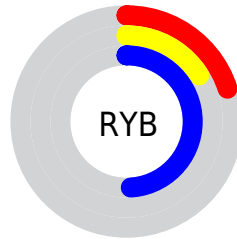
The HunterLab color **19.3518, 19.5989, -46.1553** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **42.6059, -13.6153, 23.0959**, and the grayscale version is **18.9126, -1.0091, 1.0276**.

A 20% lighter version of the original color is **36.0472, 21.9392, -45.8188**, and **7.0314, 19.0728, -49.9614** is the 20% darker color. If you saturate the color by 10%, you get **16.6360, 23.9628, -57.2899**, and if you desaturate by 10%, it is **22.4928, 15.4779, -36.1337**.

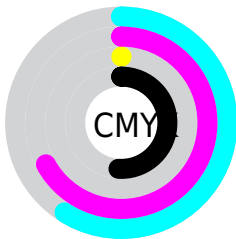
Distribution



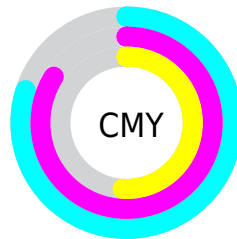
- Red (20%)
- Green (16%)
- Blue (49%)



- Red (20%)
- Yellow (16%)
- Blue (49%)



- Cyan (59%)
- Magenta (67%)
- Yellow (0%)
- Black (51%)



- Cyan (80%)
- Magenta (84%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.3518, 19.5989, -46.1553 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 19.3518, 19.5989, -46.1553 by changing the saturation by 10% instead.

■ 19.3518, 19.5989,
-46.1553

■ 19.3518, 19.5989,
-46.1553

■ 117.0138, 27.1353,
-50.6571

■ 12.3773, 18.1605,
-48.0606

■ 36.0985, 22.0612,
-46.0162

■ 5.5774, 23.1644,
-65.3506

■ 45.6867, 23.0886,
-46.5461

0.0000, NaN, -NF

■ 55.9995, 23.9975,
-47.2052

0.0000, NaN, -NF

■ 66.9893, 24.8003,
-47.9154

0.0000, NaN, NaN

■ 78.6165, 25.5072,
-48.6348

0.0000, NaN, NaN

■ 90.8481, 26.1273,

0.0000, NaN, NaN

-49.3397

0.0000, NaN, NaN

103.6554, 26.6678,
-50.0164

19.3518, 19.5989,
-46.1553

19.3518, 19.5989,
-46.1553

16.6360, 23.9628,
-57.2899

22.4928, 15.4779,
-36.1337

14.4769, 28.1596,
-68.6829

25.9569, 11.7099,
-27.3571

12.9194, 31.7476,
-78.9944

29.6723, 8.2783,
-19.6739

12.4753, 33.0290,
-82.3607

33.5889, 5.1268,
-12.8727

37.6713, 2.1969,
-6.7607

■ 41.8941, -0.5616,
-1.1818

■ 46.2384, -3.1885,
3.9846

■ 50.6896, -5.7148,
8.8304

■ 55.2368, -8.1641,
13.4256

Harmonies

Analogous

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



19.3521, 0.5652, -60.9404



19.3518, 19.5989, -46.1553



19.3521, 36.5698, -18.7230

Triad

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



19.3521, 19.5996, -46.1546



19.3521, 15.9151, 13.5464



19.3521, -23.7830, -0.5041

Complementary

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



19.3518, 19.5989, -46.1553



42.6059, -13.6153, 23.0959

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.



19.3521, -22.1013, 10.4532



19.3518, 19.5989, -46.1553



19.3521, -2.5822, 13.5464

Square

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



19.3521, 19.5996, -46.1546



19.3521, 33.9847, 11.4468



19.3521, -15.5302, 13.5464



19.3521, -21.2895, -23.8540

Rectangle

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



19.3518, 19.5989, -46.1553



19.3521, 42.1900, -3.1680



19.3521, -15.5302, 13.5464



19.3521, -23.6854, 4.4964

Sweetspot

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



19.3521, 19.5996, -46.1546



48.0338, 4.2606, -11.7474



37.4605, -15.0197, -7.3609



22.6997, 2.5045, -6.6110



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



19.3521, 19.5996, -46.1546



20.5429, 34.6344, -83.5850



23.0779, 28.1664, -34.2767



19.7853, 0.0053, -1.1231



12.5756, 33.2997, -83.0637



27.0912, 72.4422, -184.4116

Inverse Universe

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



26.6192, 34.8384, -18.4435



32.6038, 53.9219, -27.7975



39.9810, -23.7949, 21.1086



20.1732, 1.2820, -0.3004



23.4086, 44.8868, -22.0746



51.0438, 97.7484, -47.1261

Previews

White Background



This preview shows how the HunterLab color 19.3518, 19.5989, -46.1553 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 19.3518, 19.5989, -46.1553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

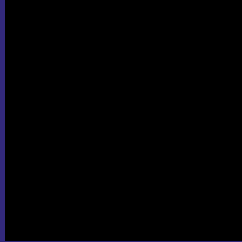
Any Text WCAG AA × Fail

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 19.3518, 19.5989, -46.1553 Background



This preview shows how black text looks on a background with the HunterLab color 19.3518, 19.5989, -46.1553.



This preview shows how white text looks on a background with the HunterLab color 19.3518, 19.5989, -46.1553.

-46.1553.

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

19.3518, 19.5989, -46.1553

Protanopia

19.2771, 5.1349, -35.1794

Deuteranopia

19.1647, -0.7019, -22.4390



Tritanopia

19.5155, -7.2414, -2.8376

Trichromacy



Original Color

19.3518, 19.5989, -46.1553

Protanomaly

18.9632, 9.3541, -39.8117

Deuteranomaly

18.8327, 5.4665, -31.2281

Tritanomaly

18.8631, 1.1743, -16.0289

Monochromacy



Original Color

19.3518, 19.5989, -46.1553

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.6848, 4.8055, -11.8748

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.3518, 19.5989, -46.1553 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(51, 41, 124)` looks like.

```
.text, #text, p{  
    color:rgb(51, 41, 124)  
}
```

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(51, 41, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 41, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 19.3518, 19.5989, -46.1553 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(51, 41, 124) }
```


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

```
.border{ border-color:rgb(51, 41, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 41, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 41, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 41, 124);  
box-shadow:4px 4px 4px 4px rgb(51, 41,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.3518, 19.5989, -46.1553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 41, 124) }
```

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

```
.background{ background-color: rgb(51, 41,  
124) }
```

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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