

Converting Colors

HunterLab(19.0554, -0.6286,
-18.6639)

Have a look what the booklet for
HunterLab(19.0554, -0.6286,
-18.6639) contains.

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Color

**HunterLab(18.9715, -0.6349,
-18.5508)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 12375A |
| RGB | 18, 55, 90 |
| RGB Percent | 7%, 22%, 35% |
| CMY | 0.9294, 0.7843, 0.6471 |
| CMYK | 0.80, 0.39, 0.00, 0.65 |
| HSL | 209°, 67%, 21% |
| HSV | 209°, 80%, 35% |
| XYZ | 3.4611, 3.5992, 10.1852 |
| YIQ | 47.9270, -33.2870, 3.0410 |

Conversions

Conversions Part 2

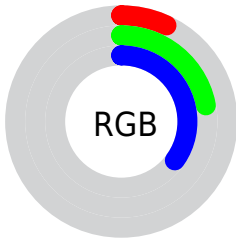
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 18, 42, 90 |
| Decimal | 1193818 |
| CIE _{Lab} | 22.30, 0.64, -24.75 |
| CIE _{LCh} | 22, 24.763, 271.492 |
| Yxy | 3.5993, 0.2007, 0.2087 |
| Android (android.graphics.Color) | 4279383898 (0xFF12375A) |
| YUV | 47.9270, 20.7420, -26.2460 |
| Hunter-Lab | 18.9715, -0.6349, -18.5508 |

Details

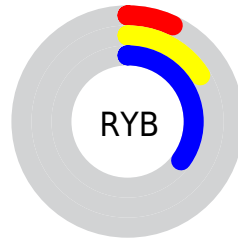
The HunterLab color $[18.9715, -0.6349, -18.5508]$ is a dark color, and the websafe version is hex 003366 . A complement of this color would be $[21.8268, 7.5926, 12.0273]$, and the grayscale version is $[17.1097, -0.9129, 0.9296]$.

A 20% lighter version of the original color is $[35.4662, -1.3695, -19.6471]$, and $[6.4899, 4.4381, -17.6924]$ is the 20% darker color. If you saturate the color by 10%, you get $[17.6956, 0.5626, -21.4958]$, and if you desaturate by 10%, it is $[20.3421, -1.5433, -15.6856]$.

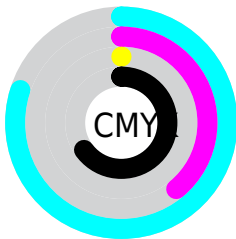
Distribution



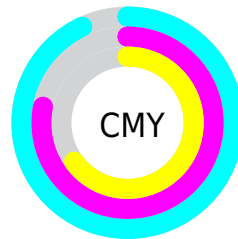
- Red (7%)
- Green (22%)
- Blue (35%)



- Red (7%)
- Yellow (16%)
- Blue (35%)



- Cyan (80%)
- Magenta (39%)
- Yellow (0%)
- Black (65%)



- Cyan (93%)
- Magenta (78%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.9715, -0.6349, -18.5508 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 18.9715, -0.6349, -18.5508 by changing the saturation by 10% instead.

■ 18.9715, -0.6349,
-18.5508

■ 18.9715, -0.6349,
-18.5508

■ 116.3194, -5.5216,
-21.8053

■ 12.0501, -0.3177,
-18.2072

■ 35.6299, -1.4365,
-19.5836

■ 5.0459, 0.2874,
-25.0168

■ 45.1796, -1.9083,
-20.0724

0.0000, NaN, -NF

■ 55.4568, -2.4217,
-20.5080

0.0000, NaN, NaN

■ 66.4130, -2.9735,
-20.8845

0.0000, NaN, NaN

■ 78.0086, -3.5613,
-21.2008

0.0000, NaN, NaN

■ 90.2100, -4.1831,

0.0000, NaN, NaN

-21.4583

0.0000, NaN, NaN

102.9886, -4.8370,
-21.6589

18.9715, -0.6349,
-18.5508

18.9715, -0.6349,
-18.5508

17.6956, 0.5626,
-21.4958

20.3421, -1.5433,
-15.6856

16.4676, 1.8828,
-24.6463

21.7995, -2.1810,
-12.9138

16.4668, 1.8837,
-24.6484

23.3362, -2.5724,
-10.2413

24.9450, -2.7438,
-7.6680

26.6191, -2.7208,
-5.1902

■ 28.3524, -2.5267,
-2.8015

■ 30.1398, -2.1823,
-0.4945

■ 31.9766, -1.7058,
1.7387

■ 33.8587, -1.1129,
3.9057

Harmonies

Analogous

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



18.9718, -7.4434, -15.5039



18.9715, -0.6349, -18.5508



18.9718, 7.1616, -14.8743

Triad

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



18.9718, -0.6346, -18.5504



18.9718, 12.9851, 6.9125



18.9718, -12.1376, 6.5022

Complementary

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



18.9715, -0.6349, -18.5508



21.8268, 7.5926, 12.0273

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.



18.9718, -8.0024, 9.4254



18.9715, -0.6349, -18.5508



18.9718, 6.4066, 9.5890

Square

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



18.9718, -0.6346, -18.5504



18.9718, 15.7462, 1.3880



18.9718, -1.3890, 10.2885



18.9718, -13.4303, 0.6704

Rectangle

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



18.9715, -0.6349, -18.5508



18.9718, 11.7038, -9.7053



18.9718, -1.3890, 10.2885



18.9718, -11.0694, 7.7645

Sweetspot

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



18.9718, -0.6346, -18.5504



36.3947, -3.4913, -5.2027



27.7422, -19.3126, 9.6088



17.6375, -1.7431, -2.9120



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



18.9718, -0.6346, -18.5504



21.9722, 2.4958, -32.0803



11.5740, 15.7015, -42.1447



15.6559, -1.1011, -0.1219



19.9500, 2.9024, -31.2012



44.7305, 10.5136, -78.6050

Inverse Universe

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



16.9774, 24.1474, -1.7388



20.6362, 35.7867, 0.0172



30.5434, -7.3901, 17.5800



15.3795, 0.6432, 0.4272



18.9248, 33.9359, 0.3952



44.0818, 78.6711, 3.8363

Previews

White Background



This preview shows how the HunterLab color 18.9715, -0.6349, -18.5508 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

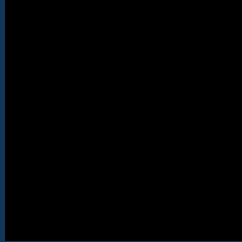
Any Text WCAG AA × Fail

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 18.9715, -0.6349, -18.5508 Background



This preview shows how black text looks on a background with the HunterLab color 18.9715, -0.6349, -18.5508.



This preview shows how white text looks on a background with the HunterLab color 18.9715, -0.6349,

-18.5508.

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

18.9715, -0.6349, -18.5508

Protanopia

18.9088, 2.6400, -16.5752

Deuteranopia

18.9988, 0.7316, -18.4666



Tritanopia

18.7032, -8.9724, -4.0085

Trichromacy



Original Color

18.9715, -0.6349, -18.5508

Protanomaly

18.8204, 1.2044, -17.4670

Deuteranomaly

18.8963, 0.3837, -18.6995

Tritanomaly

18.8476, -6.4343, -8.3276

Monochromacy



Original Color

18.9715, -0.6349, -18.5508

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.6631, -2.1697, -4.9395

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.9715, -0.6349, -18.5508 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(18, 55, 90)` looks like.

```
.text, #text, p{  
    color:rgb(18, 55, 90)  
}
```

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(18, 55, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 55, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 18.9715, -0.6349, -18.5508 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(18, 55, 90) }
```


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

```
.border{ border-color:rgb(18, 55, 90) }
```

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

Here you see how a box with a 4 pixel rgb(18, 55, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 55, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 55, 90);  
box-shadow:4px 4px 4px 4px rgb(18, 55, 90)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.9715, -0.6349, -18.5508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 55, 90) }
```

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

```
.background{ background-color: rgb(18, 55,  
90) }
```

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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