

Converting Colors

HunterLab(51.6852, -18.1148,
-22.0179)

Have a look what the booklet for
HunterLab(51.6852, -18.1148,
-22.0179) contains.

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Color

**HunterLab(51.6246,
-18.1425, -21.8589)**

Conversions

Conversions Part 1

Format	Color
Hex	2199BA
RGB	33, 153, 186
RGB Percent	13%, 60%, 73%
CMY	0.8705, 0.4000, 0.2706
CMYK	0.82, 0.18, 0.00, 0.27
HSL	193°, 70%, 43%
HSV	193°, 82%, 73%
XYZ	20.8814, 26.6510, 50.4980
YIQ	120.8820, -82.1130, -15.1770

Conversions

Conversions Part 2

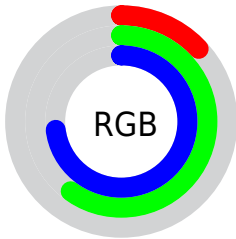
Format	Color
R_{YB}	33, 100, 186
Decimal	2202042
CIE _{Lab}	58.65, -20.07, -26.10
CIE _{LCh}	59, 32.924, 232.451
Yxy	26.6519, 0.2130, 0.2719
Android (android.graphics.Color)	4280392122 (0xFF2199BA)
YUV	120.8820, 32.1032, -77.0725
Hunter-Lab	51.6246, -18.1425, -21.8589

Details

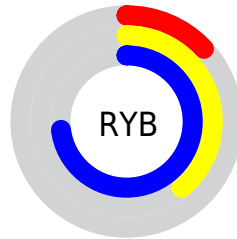
The HunterLab color **51.6246, -18.1425, -21.8589** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **38.0093, 39.0248, 21.8583**, and the grayscale version is **43.5851, -2.3256, 2.3681**.

A 20% lighter version of the original color is **73.5531, -21.2495, -22.7635**, and **33.4607, -10.6247, -18.8873** is the 20% darker color. If you saturate the color by 10%, you get **50.1335, -17.2483, -24.3495**, and if you desaturate by 10%, it is **53.2764, -18.4558, -19.1929**.

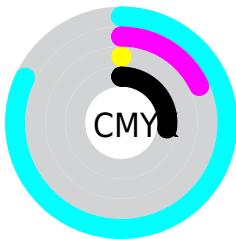
Distribution



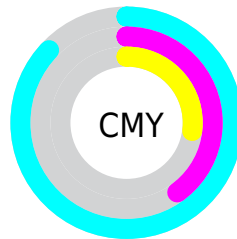
- Red (13%)
- Green (60%)
- Blue (73%)



- Red (13%)
- Yellow (39%)
- Blue (73%)



- Cyan (82%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)



- Cyan (87%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6246, -18.1425, -21.8589 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 51.6246, -18.1425, -21.8589 by changing the saturation by 10% instead.

■ 51.6246, -18.1425,
-21.8589

■ 51.6246, -18.1425,
-21.8589

169.1058,
-32.6851, -23.7640

■ 41.6077, -16.3992,
-21.3699

■ 73.7054, -21.4944,
-22.6679

■ 32.3376, -14.5866,
-20.8400

■ 85.6893, -23.1270,
-22.9854

■ 23.8812, -12.6726,
-20.3010

■ 98.2604, -24.7411,
-23.2457

■ 16.3261, -10.6028,
-19.8419

■ 111.3924,
-26.3420, -23.4508

■ 9.7962, -9.4825,
-19.7409

■ 125.0622,
-27.9339, -23.6029

0.0000, NaN, -NF

0.0000, NaN, -NF

139.2496,

-29.5201, -23.7044

0.0000, NaN, NaN

153.9363,
-31.1031, -23.7574

0.0000, NaN, NaN

■ 51.6246, -18.1425,
-21.8589

■ 51.6246, -18.1425,
-21.8589

■ 50.1335, -17.2483,
-24.3495

■ 53.2764, -18.4558,
-19.1929

■ 49.0574, -16.2676,
-26.2005

■ 55.0946, -18.1603,
-16.3613

■ 57.0823, -17.2549,
-13.3798

■ 59.2380, -15.7582,
-10.2695

■ 61.5572, -13.7014,
-7.0525

■ 64.0340, -11.1238,
-3.7505

■ 66.6613, -8.0684,
-0.3829

■ 69.4311, -4.5795,
3.0332

■ 72.3356, -0.7000,
6.4837

Harmonies

Analogous

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



51.6255, -25.3300, -7.9425



51.6246, -18.1425, -21.8589



51.6255, -6.2422, -29.5173

Triad

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



51.6255, -18.1423, -21.8580



51.6255, 26.6908, -0.6640



51.6255, -12.6291, 21.2998

Complementary

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



51.6246, -18.1425, -21.8589



38.0093, 39.0248, 21.8583

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.



51.6255, 0.8224, 22.2785



51.6246, -18.1425, -21.8589



51.6255, 24.5149, 11.6544

Square

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



51.6255, -18.1423, -21.8580



51.6255, 20.3349, -15.3331



51.6255, 14.6711, 19.2532



51.6255, -22.3912, 16.0934

Rectangle

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



51.6246, -18.1425, -21.8589



51.6255, 3.1683, -28.9222



51.6255, 14.6711, 19.2532



51.6255, -8.4273, 22.0657

Sweetspot

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



51.6255, -18.1423, -21.8580



85.1322, -16.1461, -6.4663



59.8394, -47.7405, 31.2883



39.3973, -8.1532, -3.7715



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



51.6255, -18.1423, -21.8580



65.9499, -21.7068, -35.4403



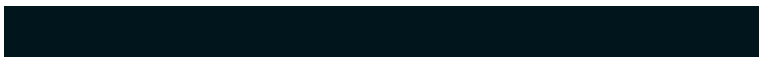
30.7373, 17.5243, -70.3612



31.4213, -3.3035, 0.2845



40.3779, -13.5364, -21.2477



8.1110, -3.2545, -3.1126

Inverse Universe

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



37.1856, 62.3434, -24.0478



47.6598, 89.1834, -30.0450



54.1627, 3.8141, 31.8654



30.2137, 2.0445, -0.2495



29.0314, 54.5569, -18.7578



5.5273, 10.5136, -4.5521

Previews

White Background



This preview shows how the HunterLab color 51.6246, -18.1425, -21.8589 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.6246, -18.1425, -21.8589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

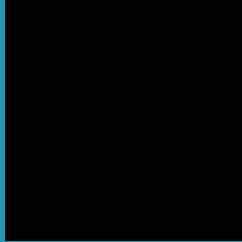
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 51.6246, -18.1425, -21.8589 Background



This preview shows how black text looks on a background with the HunterLab color 51.6246, -18.1425, -21.8589.



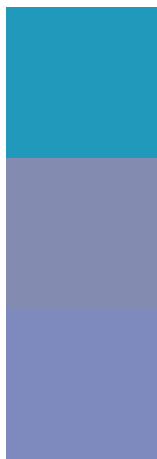
This preview shows how white text looks on a background with the HunterLab color 51.6246, -18.1425, -21.8589.

-18.1425, -21.8589.

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

51.6246, -18.1425, -21.8589

Protanopia

51.4054, 1.8132, -15.6668

Deuteranopia

51.2706, 3.8530, -24.0144



Tritanopia

51.5792, -24.6613, -11.2329

Trichromacy



Original Color

51.6246, -18.1425, -21.8589

Protanomaly

50.6702, -7.8927, -19.4410

Deuteranomaly

50.5481, -6.1334, -24.7649

Tritanomaly

51.5907, -22.4317, -15.2129

Monochromacy



Original Color

51.6246, -18.1425, -21.8589

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

45.7638, -11.3675, -6.7053

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6246, -18.1425, -21.8589 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(33, 153, 186)` looks like.

```
.text, #text, p{  
    color:rgb(33, 153, 186)  
}
```

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(33, 153, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 153, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6246, -18.1425, -21.8589 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(33, 153, 186) }
```


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

```
.border{ border-color:rgb(33, 153, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 153, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 153, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 153, 186);  
box-shadow:4px 4px 4px 4px rgb(33, 153,  
186) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6246, -18.1425, -21.8589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 153, 186) }
```

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

```
.background{ background-color: rgb(33, 153,  
186) }
```

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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