

Converting Colors

HunterLab(49.9855, -20.8969,
-11.9954)

Have a look what the booklet for
HunterLab(49.9855, -20.8969,
-11.9954) contains.

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Color

**HunterLab(50.0007,
-21.0562, -11.7691)**

Conversions

Conversions Part 1

Format	Color
Hex	2996A5
RGB	41, 150, 165
RGB Percent	16%, 59%, 65%
CMY	0.8392, 0.4118, 0.3529
CMYK	0.75, 0.09, 0.00, 0.35
HSL	187°, 60%, 40%
HSV	187°, 75%, 65%
XYZ	18.6123, 25.0007, 39.4419
YIQ	119.1190, -69.7790, -18.4430

Conversions

Conversions Part 2

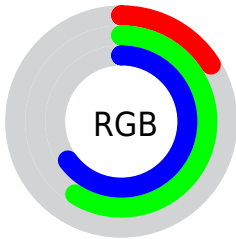
Format	Color
R _Y B	41, 99, 165
Decimal	2725541
CIE _{Lab}	57.08, -24.63, -16.58
CIE _{LCh}	57, 29.690, 213.939
Y _{xy}	25.0016, 0.2241, 0.3010
Android (android.graphics.Color)	4280915621 (0xFF2996A5)
Y _{UV}	119.1190, 22.6193, -68.5104
Hunter-Lab	50.0007, -21.0562, -11.7691

Details

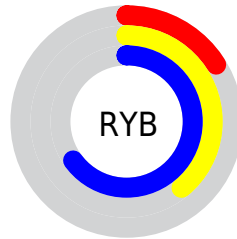
The HunterLab color **50.0007, -21.0562, -11.7691** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **33.1492, 35.3184, 17.2911**, and the grayscale version is **42.9327, -2.2908, 2.3326**.

A 20% lighter version of the original color is **71.7058, -24.7790, -12.2352**, and **31.8056, -13.8909, -9.7678** is the 20% darker color. If you saturate the color by 10%, you get **49.0906, -21.2894, -13.1171**, and if you desaturate by 10%, it is **51.0464, -20.3179, -10.2476**.

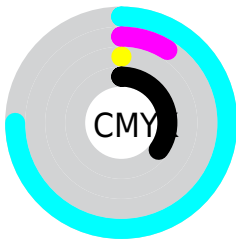
Distribution



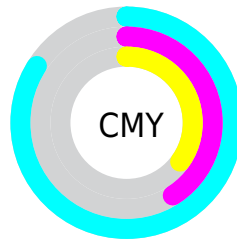
- Red (16%)
- Green (59%)
- Blue (65%)



- Red (16%)
- Yellow (39%)
- Blue (65%)



- Cyan (75%)
- Magenta (9%)
- Yellow (0%)
- Black (35%)



- Cyan (84%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0007, -21.0562, -11.7691 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 50.0007, -21.0562, -11.7691 by changing the saturation by 10% instead.

■ 50.0007, -21.0562,
-11.7691

■ 50.0007, -21.0562,
-11.7691

166.6871,
-37.6027, -11.1030

■ 40.0977, -19.0067,
-11.5498

■ 71.8748, -24.9482,
-12.0025

■ 30.9508, -16.8533,
-11.2587

■ 83.7637, -26.8236,
-12.0269

■ 22.6298, -14.5510,
-10.8955

■ 96.2442, -28.6663,
-11.9950

■ 15.2266, -12.0225,
-10.4754

■ 109.2895,
-30.4839, -11.9104

■ 8.8514, -12.5987,
-10.1290

■ 122.8761,
-32.2822, -11.7762

0.0000, NaN, -NF

0.0000, NaN, NaN

136.9833,

-34.0658, -11.5953

0.0000, NaN, NaN

151.5926,
-35.8383, -11.3702

0.0000, NaN, NaN

■ 50.0007, -21.0562,
-11.7691

■ 50.0007, -21.0562,
-11.7691

■ 49.0906, -21.2894,
-13.1171

■ 51.0464, -20.3179,
-10.2476

■ 48.3004, -21.0632,
-14.3035

■ 52.2322, -19.0562,
-8.5562

■ 47.9376, -20.8751,
-14.8544

■ 53.5626, -17.2707,
-6.7016

■ 55.0381, -14.9752,
-4.6958

■ 56.6574, -12.1939,
-2.5533

■ 58.4172, -8.9584,
-0.2900

■ 60.3134, -5.3043,
2.0782

■ 62.3405, -1.2695,
4.5359

■ 64.4929, 3.1083,
7.0687

Harmonies

Analogous

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



50.0016, -24.4223, 1.1285



50.0007, -21.0562, -11.7691



50.0016, -12.7788, -22.4231

Triad

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



50.0016, -21.0562, -11.7683



50.0016, 20.7548, -8.3769



50.0016, -4.3080, 20.5546

Complementary

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



50.0007, -21.0562, -11.7691



33.1492, 35.3184, 17.2911

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.



50.0016, 8.3103, 19.1878



50.0007, -21.0562, -11.7691



50.0016, 23.5818, 4.2642

Square

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



50.0016, -21.0562, -11.7683



50.0016, 11.4395, -20.1520



50.0016, 18.8274, 13.8594



50.0016, -15.3712, 18.1934

Rectangle

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



50.0007, -21.0562, -11.7691



50.0016, -5.1782, -25.7026



50.0016, 18.8274, 13.8594



50.0016, -0.1127, 20.5115

Sweetspot

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



50.0016, -21.0562, -11.7683



76.2146, -15.6137, -2.9054



52.5953, -40.8927, 27.5510



35.2716, -7.9494, -1.8333



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



50.0016, -21.0562, -11.7683



64.9913, -28.3562, -18.6088



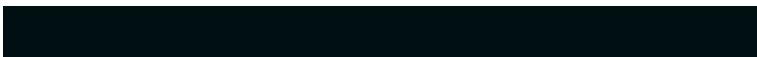
32.0258, 6.6055, -46.0530



28.0434, -3.2301, 0.5148



41.7528, -18.2308, -12.8323



6.3614, -3.0314, -1.4072

Inverse Universe

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



34.3336, 53.3354, -27.7392



43.1677, 79.3416, -39.6156



45.8172, 6.8311, 25.6362



26.8093, 1.8699, -0.4957



27.5753, 52.8531, -25.8204



4.0454, 7.8299, -4.3786

Previews

White Background



This preview shows how the HunterLab color 50.0007, -21.0562, -11.7691 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 50.0007, -21.0562, -11.7691 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

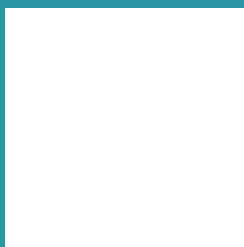
Any Text WCAG AAA × Fail

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

HunterLab 50.0007, -21.0562, -11.7691 Background



This preview shows how black text looks on a background with the HunterLab color 50.0007, -21.0562, -11.7691.



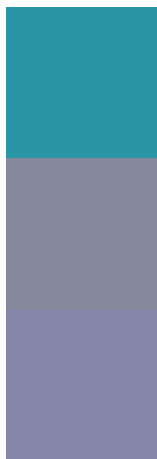
This preview shows how white text looks on a background with the HunterLab color 50.0007,

-21.0562, -11.7691.

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

50.0007, -21.0562, -11.7691

Protanopia

49.6800, 0.2017, -6.3928

Deuteranopia

49.6248, 3.8794, -14.2004



Tritanopia

49.8882, -21.6342, -10.8182

Trichromacy



Original Color

50.0007, -21.0562, -11.7691

Protanomaly

48.9578, -9.5055, -9.7221

Deuteranomaly

48.9915, -7.1961, -14.7708

Tritanomaly

49.9441, -21.3467, -11.2926

Monochromacy



Original Color

50.0007, -21.0562, -11.7691

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

44.6844, -11.3230, -3.5699

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0007, -21.0562, -11.7691 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(41, 150, 165)` looks like.

```
.text, #text, p{  
    color:rgb(41, 150, 165)  
}
```

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(41, 150, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 150, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0007, -21.0562, -11.7691 is called "border". The border property can be set on classes, ids or directly on the HTML element.

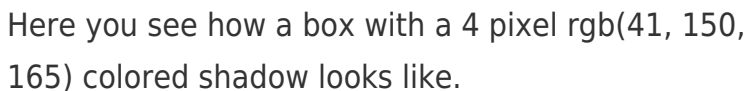
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(41, 150, 165) }
```


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

```
.border{ border-color:rgb(41, 150, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(41, 150, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(41, 150, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(41, 150, 165); box-shadow:4px 4px 4px 4px rgb(41, 150, 165) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0007, -21.0562, -11.7691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 150, 165) }
```

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

```
.background{ background-color: rgb(41, 150,  
165) }
```

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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