

Converting Colors

HunterLab(50.7713, -22.3119,
-14.0793)

Have a look what the booklet for
HunterLab(50.7713, -22.3119,
-14.0793) contains.

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Color

**HunterLab(50.8261,
-22.3740, -14.0170)**

Conversions

Conversions Part 1

Format	Color
Hex	1099AB
RGB	16, 153, 171
RGB Percent	6%, 60%, 67%
CMY	0.9372, 0.4000, 0.3294
CMYK	0.91, 0.11, 0.00, 0.33
HSL	187°, 83%, 37%
HSV	187°, 91%, 67%
XYZ	18.9556, 25.8329, 42.5153
YIQ	114.0890, -87.4300, -23.4460

Conversions

Conversions Part 2

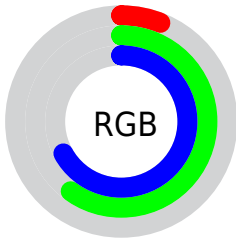
Format	Color
R_{YB}	16, 89, 171
Decimal	1087915
CIE _{Lab}	57.88, -26.31, -18.80
CIE _{LCh}	58, 32.342, 215.550
Yxy	25.8339, 0.2171, 0.2959
Android (android.graphics.Color)	4279277995 (0xFF1099AB)
YUV	114.0890, 28.0571, -86.0241
Hunter-Lab	50.8261, -22.3740, -14.0170

Details

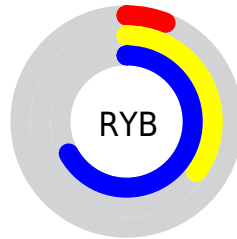
The HunterLab color **50.8261, -22.3740, -14.0170** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **31.3700, 44.4589, 19.1802**, and the grayscale version is **40.9776, -2.1865, 2.2264**.

A 20% lighter version of the original color is **72.9000, -26.6623, -14.0647**, and **32.6179, -13.3922, -11.8596** is the 20% darker color. If you saturate the color by 10%, you get **50.1189, -22.0329, -15.0815**, and if you desaturate by 10%, it is **51.6763, -22.3815, -12.7543**.

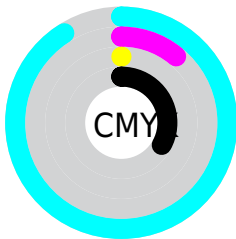
Distribution



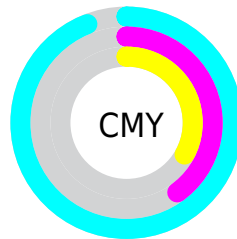
- Red (6%)
- Green (60%)
- Blue (67%)



- Red (6%)
- Yellow (35%)
- Blue (67%)



- Cyan (91%)
- Magenta (11%)
- Yellow (0%)
- Black (33%)



- Cyan (94%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.8261, -22.3740, -14.0170 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 50.8261, -22.3740, -14.0170 by changing the saturation by 10% instead.

50.8261, -22.3740,
-14.0170

50.8261, -22.3740,
-14.0170

167.9183,
-39.6355, -13.9755

40.8649, -20.2211,
-13.7268

72.8058, -26.4529,
-14.3951

31.6550, -17.9559,
-13.3686

84.7432, -28.4140,
-14.4914

23.2647, -15.5314,
-12.9473

97.2699, -30.3383,
-14.5305

15.7837, -12.8673,
-12.4896

110.3595,
-32.2338, -14.5157

9.3395, -12.7761,
-12.1023

123.9886,
-34.1068, -14.4502

0.0000, NaN, -NF

0.0000, NaN, NaN

138.1367,

-35.9623, -14.3367

0.0000, NaN, NaN

152.7855,
-37.8041, -14.1777

0.0000, NaN, NaN

■ 50.8261, -22.3740,
-14.0170

■ 50.8261, -22.3740,
-14.0170

■ 50.1189, -22.0329,
-15.0815

■ 51.6763, -22.3815,
-12.7543

■ 52.6586, -21.8836,
-11.3157

■ 53.7844, -20.8468,
-9.6959

■ 55.0596, -19.2598,
-7.8986

■ 56.4868, -17.1288,
-5.9337

■ 58.0658, -14.4728,
-3.8145

■ 59.7944, -11.3208,
-1.5568

■ 61.6688, -7.7078,
0.8227

■ 63.6842, -3.6726,
3.3075

Harmonies

Analogous

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



50.8270, -26.3114, 0.2894



50.8261, -22.3740, -14.0170



50.8270, -13.1388, -25.6503

Triad

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



50.8270, -22.3739, -14.0162



50.8270, 23.4830, -8.7035



50.8270, -5.2311, 21.8863

Complementary

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



50.8261, -22.3740, -14.0170



31.3700, 44.4589, 19.1802

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.



50.8270, 8.6236, 20.6655



50.8261, -22.3740, -14.0170



50.8270, 26.1691, 5.1252

Square

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



50.8270, -22.3739, -14.0162



50.8270, 13.4815, -22.0589



50.8270, 20.4773, 15.2589



50.8270, -17.1067, 19.1903

Rectangle

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



50.8261, -22.3740, -14.0170



50.8270, -4.7372, -28.9924



50.8270, 20.4773, 15.2589



50.8270, -0.6601, 21.9096

Sweetspot

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



50.8270, -22.3739, -14.0162



78.4147, -18.1079, -4.1711



54.1648, -45.2525, 31.1253



36.6803, -9.1734, -2.4310



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



50.8270, -22.3739, -14.0162



66.9209, -29.2929, -20.4102



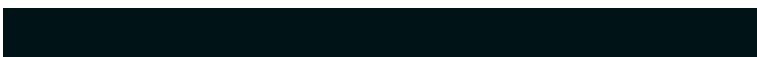
29.1572, 11.9716, -60.1704



29.8511, -3.4706, 0.5515



43.5721, -19.2023, -13.0090



7.5636, -3.5753, -1.7357

Inverse Universe

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



33.6590, 61.6404, -31.2681



44.1535, 84.6492, -41.5068



44.3112, 12.5214, 26.8665



28.5163, 2.0284, -0.5635



28.6699, 55.0024, -27.2437



4.8280, 9.3353, -5.1532

Previews

White Background



This preview shows how the HunterLab color 50.8261, -22.3740, -14.0170 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 50.8261, -22.3740, -14.0170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

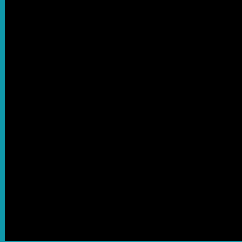
Any Text WCAG AA ✓ Pass

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 50.8261, -22.3740, -14.0170 Background



This preview shows how black text looks on a background with the HunterLab color 50.8261, -22.3740, -14.0170.



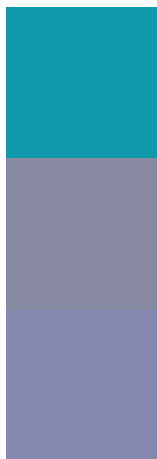
This preview shows how white text looks on a background with the HunterLab color 50.8261,

-22.3740, -14.0170.

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

50.8261, -22.3740, -14.0170

Protanopia

50.4953, 0.4404, -7.9275

Deuteranopia

50.6853, 3.6225, -16.1473



Tritanopia

50.8570, -24.2835, -11.1457

Trichromacy



Original Color

50.8261, -22.3740, -14.0170

Protanomaly

49.5474, -11.6377, -11.7010

Deuteranomaly

49.5738, -9.2334, -17.5073

Tritanomaly

50.9677, -23.7070, -12.1038

Monochromacy



Original Color

50.8261, -22.3740, -14.0170

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

43.3674, -13.1889, -4.8456

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.8261, -22.3740, -14.0170 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(16, 153, 171)` looks like.

```
.text, #text, p{  
    color:rgb(16, 153, 171)  
}
```

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(16, 153, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 153, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 50.8261, -22.3740, -14.0170 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(16, 153, 171) }
```


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

```
.border{ border-color:rgb(16, 153, 171) }
```

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

Here you see how a box with a 4 pixel rgb(16, 153, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 153, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 153, 171);  
box-shadow:4px 4px 4px 4px rgb(16, 153,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.8261, -22.3740, -14.0170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 153, 171) }
```

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

```
.background{ background-color: rgb(16, 153,  
171) }
```

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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