

Converting Colors

HunterLab(45.5076, -13.6948,
-23.0473)

Have a look what the booklet for
HunterLab(45.5076, -13.6948,
-23.0473) contains.

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Color

**HunterLab(45.4385,
-13.6382, -23.1673)**

Conversions

Conversions Part 1

Format	Color
Hex	2287AC
RGB	34, 135, 172
RGB Percent	13%, 53%, 67%
CMY	0.8666, 0.4706, 0.3255
CMYK	0.80, 0.22, 0.00, 0.33
HSL	196°, 67%, 40%
HSV	196°, 80%, 67%
XYZ	16.7700, 20.6466, 42.1310
YIQ	109.0190, -72.0730, -9.9050

Conversions

Conversions Part 2

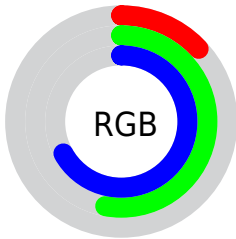
Format	Color
R_{YB}	34, 92, 172
Decimal	2262956
CIE _{Lab}	52.56, -15.08, -27.53
CIE _{LCh}	53, 31.391, 241.285
Yxy	20.6473, 0.2108, 0.2596
Android (android.graphics.Color)	4280453036 (0xFF2287AC)
YUV	109.0190, 31.0496, -65.7917
Hunter-Lab	45.4385, -13.6382, -23.1673

Details

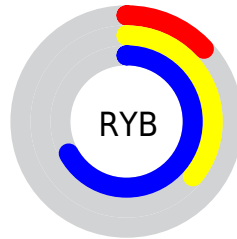
The HunterLab color **45.4385, -13.6382, -23.1673** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **36.5979, 31.3356, 20.6470**, and the grayscale version is **39.0198, -2.0820, 2.1200**.

A 20% lighter version of the original color is **66.6278, -16.2242, -24.5436**, and **28.0233, -6.7545, -20.4456** is the 20% darker color. If you saturate the color by 10%, you get **43.7781, -12.5606, -26.1037**, and if you desaturate by 10%, it is **47.2560, -14.1624, -20.0983**.

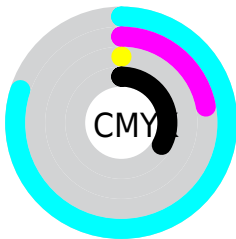
Distribution



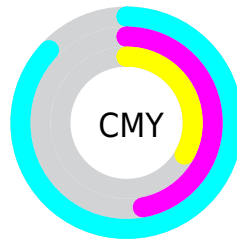
- Red (13%)
- Green (53%)
- Blue (67%)



- Red (13%)
- Yellow (36%)
- Blue (67%)



- Cyan (80%)
- Magenta (22%)
- Yellow (0%)
- Black (33%)



- Cyan (87%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.4385, -13.6382, -23.1673 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 45.4385, -13.6382, -23.1673 by changing the saturation by 10% instead.

45.4385, -13.6382,
-23.1673

45.4385, -13.6382,
-23.1673

159.8118,
-26.0922, -25.7143

35.8698, -12.1855,
-22.6241

66.7082, -16.4546,
-24.1155

27.0862, -10.6816,
-22.0685

78.3200, -17.8384,
-24.5072

19.1664, -9.0966,
-21.5712

90.5369, -19.2144,
-24.8420

12.2174, -7.3755,
-21.3376

103.3302,
-20.5867, -25.1207

5.3250, -9.3187,
-28.2477

116.6752,
-21.9585, -25.3453

0.0000, NaN, -NF

0.0000, NaN, NaN

130.5497,

-23.3321, -25.5177

0.0000, NaN, NaN

144.9344,
-24.7095, -25.6400

0.0000, NaN, NaN

■ 45.4385, -13.6382,
-23.1673

■ 45.4385, -13.6382,
-23.1673

■ 43.7781, -12.5606,
-26.1037

■ 47.2560, -14.1624,
-20.0983

■ 42.2732, -11.0949,
-28.8872

■ 49.2313, -14.1237,
-16.9156

■ 51.3635, -13.5343,
-13.6403

■ 53.6477, -12.4213,
-10.2950

■ 56.0776, -10.8204,
-6.9006

■ 58.6457, -8.7717,
-3.4752

■ 61.3441, -6.3164,
-0.0339

■ 64.1647, -3.4949,
3.4119

■ 67.0998, -0.3448,
6.8531

Harmonies

Analogous

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



45.4393, -21.5734, -11.4130



45.4385, -13.6382, -23.1673



45.4393, -1.8746, -27.6423

Triad

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



45.4393, -13.6379, -23.1665



45.4393, 24.8343, 2.9945



45.4393, -14.4937, 18.2554

Complementary

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



45.4385, -13.6382, -23.1673



36.5979, 31.3356, 20.6470

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.



45.4393, -2.9767, 20.1833



45.4385, -13.6382, -23.1673



45.4393, 20.5312, 13.0126

Square

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



45.4393, -13.6379, -23.1665



45.4393, 21.1882, -10.2481



45.4393, 9.9888, 18.5663



45.4393, -22.0277, 12.3297

Rectangle

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



45.4385, -13.6382, -23.1673



45.4393, 6.8394, -25.1348



45.4393, 9.9888, 18.5663



45.4393, -11.0055, 19.3052

Sweetspot

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



45.4393, -13.6379, -23.1665



77.5136, -13.0445, -6.6240



55.0437, -42.6765, 26.7841



35.5816, -6.5165, -3.8295



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.



45.4393, -13.6379, -23.1665



57.4166, -15.3777, -38.0055



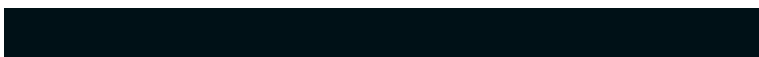
26.9068, 19.6976, -69.0795



29.5013, -2.9083, 0.1350



36.5953, -9.7573, -24.6776



6.7548, -2.5334, -2.9741

Inverse Universe

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



34.1537, 54.9973, -17.7844



43.4543, 79.6541, -21.4726



52.5214, -1.3338, 30.6307



28.4796, 1.8314, -0.0413



27.6677, 51.4592, -13.7300



4.7054, 8.9047, -3.5221

Previews

White Background



This preview shows how the HunterLab color 45.4385, -13.6382, -23.1673 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 45.4385, -13.6382, -23.1673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

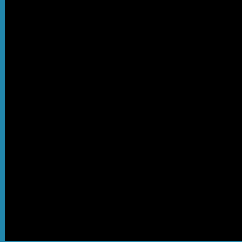
Any Text WCAG AA ✓ Pass

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 45.4385, -13.6382, -23.1673 Background



This preview shows how black text looks on a background with the HunterLab color 45.4385, -13.6382, -23.1673.



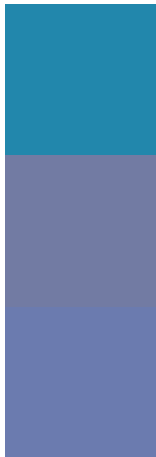
This preview shows how white text looks on a background with the HunterLab color 45.4385, -13.6382, -23.1673.

-13.6382, -23.1673.

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

45.4385, -13.6382, -23.1673

Protanopia

45.1527, 2.5512, -17.6318

Deuteranopia

45.1518, 3.5466, -25.3726



Tritanopia

45.4612, -21.6910, -9.9980

Trichromacy



Original Color

45.4385, -13.6382, -23.1673

Protanomaly

44.5682, -5.0269, -20.6185

Deuteranomaly

44.6545, -4.0438, -25.7239

Tritanomaly

45.5233, -19.2357, -14.4155

Monochromacy



Original Color

45.4385, -13.6382, -23.1673

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

40.5175, -8.6867, -7.1294

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.4385, -13.6382, -23.1673 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(34, 135, 172)` looks like.

```
.text, #text, p{  
    color:rgb(34, 135, 172)  
}
```

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(34, 135, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 135, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 45.4385, -13.6382, -23.1673 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(34, 135, 172) }
```


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

```
.border{ border-color:rgb(34, 135, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 135, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 135, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 135, 172);  
box-shadow:4px 4px 4px 4px rgb(34, 135,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.4385, -13.6382, -23.1673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 135, 172) }
```

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

```
.background{ background-color: rgb(34, 135,  
172) }
```

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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