

Converting Colors

HunterLab(11.7143, 5.2620,
-22.8577)

Have a look what the booklet for
HunterLab(11.7143, 5.2620,
-22.8577) contains.

HunterLab(11.6188, 5.4425, -23.1650)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(11.6188, 5.4425,
-23.1650)**

Conversions

Conversions Part 1

Format	Color
Hex	0A1C47
RGB	10, 28, 71
RGB Percent	4%, 11%, 28%
CMY	0.9608, 0.8902, 0.7216
CMYK	0.86, 0.61, 0.00, 0.72
HSL	222°, 75%, 16%
HSV	222°, 86%, 28%
XYZ	1.6778, 1.3500, 6.1334
YIQ	27.5200, -24.5310, 9.5570

Conversions

Conversions Part 2

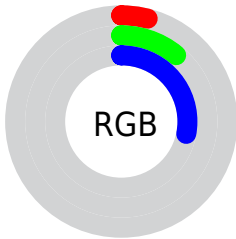
Format	Color
R_{YB}	10, 24, 71
Decimal	662599
CIE _{Lab}	11.62, 11.13, -29.05
CIE _{LCh}	12, 31.106, 290.972
Yxy	1.3500, 0.1831, 0.1474
Android (android.graphics.Color)	4278852679 (0xFF0A1C47)
YUV	27.5200, 21.4356, -15.3650
Hunter-Lab	11.6188, 5.4425, -23.1650

Details

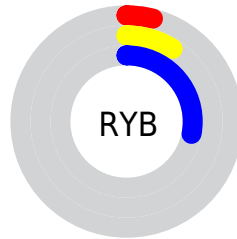
The HunterLab color **11.6188, 5.4425, -23.1650** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **19.7691, 0.8590, 11.3350**, and the grayscale version is **10.5706, -0.5640, 0.5743**.

A 20% lighter version of the original color is **26.3046, 6.1729, -23.7348**, and **3.1755, 6.1731, -17.2952** is the 20% darker color. If you saturate the color by 10%, you get **10.4224, 7.1080, -27.3653**, and if you desaturate by 10%, it is **12.8960, 3.9298, -19.3918**.

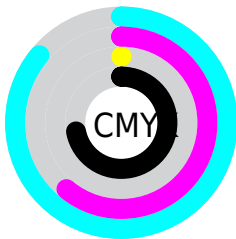
Distribution



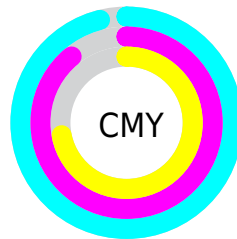
- Red (4%)
- Green (11%)
- Blue (28%)



- Red (4%)
- Yellow (9%)
- Blue (28%)



- Cyan (86%)
- Magenta (61%)
- Yellow (0%)
- Black (72%)



- Cyan (96%)
- Magenta (89%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.6188, 5.4425, -23.1650 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 11.6188, 5.4425, -23.1650 by changing the saturation by 10% instead.

■ 11.6188, 5.4425,
-23.1650

■ 11.6188, 5.4425,
-23.1650

102.1031, 6.2111,
-27.0142

■ 4.2359, 11.2266,
-37.0138

■ 26.3032, 6.2575,
-23.7160

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 35.0092, 6.4811,
-24.2777

0.0000, NaN, NaN

■ 44.5075, 6.6105,
-24.8458

0.0000, NaN, NaN

■ 54.7369, 6.6591,
-25.3826

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.6483, 6.6367,
-25.8722

0.0000, NaN, NaN

■ 77.2016, 6.5508,

0.0000, NaN, NaN

-26.3083

■ 89.3629, 6.4074,
-26.6889

■ 11.6188, 5.4425,
-23.1650

■ 11.6188, 5.4425,
-23.1650

■ 10.4224, 7.1080,
-27.3653

■ 12.8960, 3.9298,
-19.3918

■ 9.9464, 7.7995,
-29.2692

■ 14.2778, 2.6727,
-15.9101

■ 15.7477, 1.6414,
-12.7116

■ 17.2927, 0.8025,
-9.7691

■ 18.9023, 0.1253,
-7.0487

■ 20.5681, -0.4168,
-4.5173

■ 22.2835, -0.8459,
-2.1449

■ 24.0432, -1.1802,
0.0943

■ 25.8426, -1.4346,
2.2222

Harmonies

Analogous

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



11.6190, -2.9470, -25.2616



11.6188, 5.4425, -23.1650



11.6190, 13.9836, -12.9517

Triad

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



11.6190, 5.4429, -23.1647



11.6190, 10.7975, 8.1333



11.6190, -13.0692, 2.7105

Complementary

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



11.6188, 5.4425, -23.1650



19.7691, 0.8590, 11.3350

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.



11.6190, -10.6104, 7.9732



11.6188, 5.4425, -23.1650



11.6190, 1.9046, 8.1333

Square

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



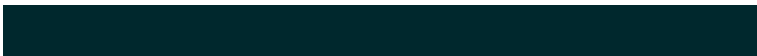
11.6190, 5.4429, -23.1647



11.6190, 17.6130, 4.9572



11.6190, -5.6498, 8.1333



11.6190, -12.4409, -5.9540

Rectangle

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



11.6188, 5.4425, -23.1650



11.6190, 17.8913, -5.2525



11.6190, -5.6498, 8.1333



11.6190, -12.5763, 4.6033

Sweetspot

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



11.6190, 5.4429, -23.1647



26.5034, -0.4720, -6.2254



21.9667, -13.9482, 4.2975



13.2368, -0.1914, -3.3783



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



11.6190, 5.4429, -23.1647



12.4776, 11.3086, -40.0079



9.1925, 14.6192, -32.5288



12.3799, -0.5772, -0.2606



13.4350, 12.6467, -44.0931



30.9069, 37.5268, -119.6405

Inverse Universe

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



12.8087, 18.2320, 3.1265



15.3119, 26.7414, 5.8686



23.3498, -9.5200, 13.4919



12.3311, 0.3399, 0.6213



16.6387, 29.0376, 6.5399



40.8992, 71.0307, 18.7575

Previews

White Background



This preview shows how the HunterLab color 11.6188, 5.4425, -23.1650 looks on a white background.

Color Contrast Check

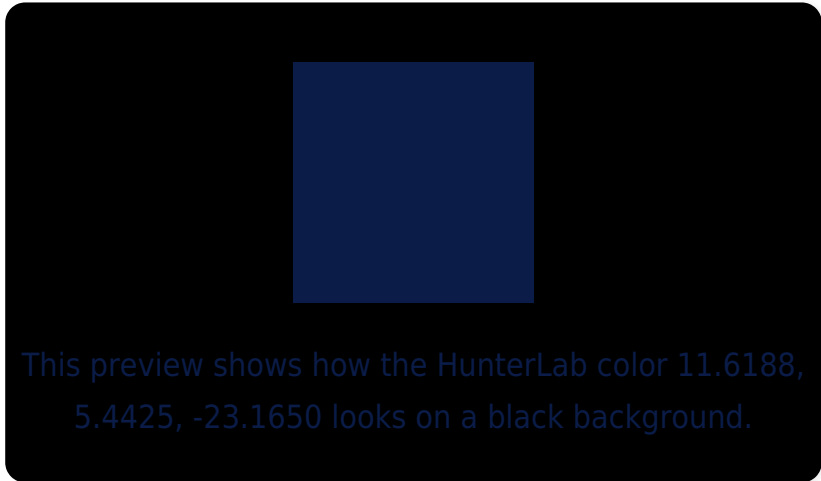
Large Text (above 18pt) WCAG AA ✓ Pass

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

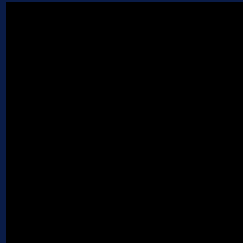
Any Text WCAG AA × Fail

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 11.6188, 5.4425, -23.1650 Background



This preview shows how black text looks on a background with the HunterLab color 11.6188, 5.4425, -23.1650.



This preview shows how white text looks on a background with the HunterLab color 11.6188, 5.4425, -23.1650.

-23.1650.

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

11.6188, 5.4425, -23.1650

Protanopia

11.3961, 1.8238, -18.1813

Deuteranopia

11.4405, -1.2029, -11.7030



Tritanopia

11.5570, -5.7840, -1.9592

Trichromacy



Original Color

11.6188, 5.4425, -23.1650

Protanomaly

11.4446, 3.4071, -20.3983

Deuteranomaly

11.5875, 1.0164, -15.4317

Tritanomaly

11.3163, -2.1218, -8.2882

Monochromacy



Original Color

11.6188, 5.4425, -23.1650

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

10.8249, 0.5001, -6.3724

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.6188, 5.4425, -23.1650 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(10, 28, 71)` looks like.

```
.text, #text, p{  
    color:rgb(10, 28, 71)  
}
```

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(10, 28, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 28, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 11.6188, 5.4425, -23.1650 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(10, 28, 71) }
```


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

```
.border{ border-color:rgb(10, 28, 71) }
```

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

Here you see how a box with a 4 pixel rgb(10, 28, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 28, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 28, 71);  
box-shadow:4px 4px 4px 4px rgb(10, 28, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.6188, 5.4425, -23.1650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 28, 71) }
```

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

```
.background{ background-color: rgb(10, 28,  
71) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor