

Converting Colors

HunterLab(20.6050, 1.0249,
-24.2088)

Have a look what the booklet for
HunterLab(20.6050, 1.0249,
-24.2088) contains.

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Color

**HunterLab(20.6050, 1.0249,
-24.2088)**

Conversions

Conversions Part 1

Format	Color
Hex	133B67
RGB	19, 59, 103
RGB Percent	7%, 23%, 40%
CMY	0.9255, 0.7686, 0.5961
CMYK	0.82, 0.43, 0.00, 0.60
HSL	211°, 69%, 24%
HSV	211°, 82%, 40%
XYZ	4.2807, 4.2457, 13.4258
YIQ	52.0560, -37.9640, 5.2040

Conversions

Conversions Part 2

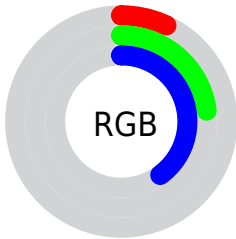
Format	Color
R_{YB}	19, 46, 103
Decimal	1260391
CIE _{Lab}	24.47, 3.47, -29.77
CIE _{LCh}	24, 29.975, 276.641
Yxy	4.2458, 0.1950, 0.1934
Android (android.graphics.Color)	4279450471 (0xFF133B67)
YUV	52.0560, 25.1154, -28.9901
Hunter-Lab	20.6050, 1.0249, -24.2088

Details

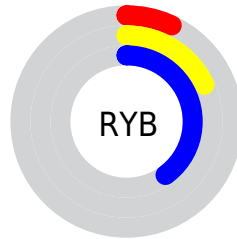
The HunterLab color **20.6050, 1.0249, -24.2088** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **25.4684, 7.9186, 14.3972**, and the grayscale version is **18.4780, -0.9859, 1.0039**.

A 20% lighter version of the original color is **37.6532, 0.3204, -24.9321**, and **8.2851, 5.1987, -21.5781** is the 20% darker color. If you saturate the color by 10%, you get **19.0714, 2.7347, -28.0933**, and if you desaturate by 10%, it is **22.2635, -0.3207, -20.4601**.

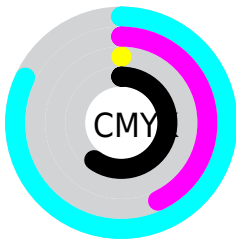
Distribution



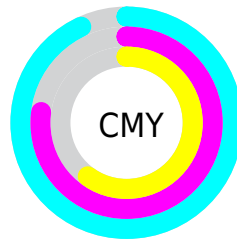
- Red (7%)
- Green (23%)
- Blue (40%)



- Red (7%)
- Yellow (18%)
- Blue (40%)



- Cyan (82%)
- Magenta (43%)
- Yellow (0%)
- Black (60%)



- Cyan (93%)
- Magenta (77%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.6050, 1.0249, -24.2088 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 20.6050, 1.0249, -24.2088 by changing the saturation by 10% instead.

■ 20.6050, 1.0249,
-24.2088

■ 20.6050, 1.0249,
-24.2088

■ 119.2803, -2.6056,
-28.3099

■ 13.4610, 1.1376,
-24.0008

■ 37.6358, 0.5715,
-25.2785

■ 7.0330, 1.7720,
-26.6797

■ 47.3478, 0.2528,
-25.8513

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 57.7760, -0.1175,
-26.3905

0.0000, NaN, NaN

■ 68.8739, -0.5347,
-26.8823

0.0000, NaN, NaN

■ 80.6035, -0.9949,
-27.3209

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.9324, -1.4951,

-27.7048

0.0000, NaN, NaN

105.8328, -2.0327,
-28.0340

20.6050, 1.0249,
-24.2088

20.6050, 1.0249,
-24.2088

19.0714, 2.7347,
-28.0933

22.2635, -0.3207,
-20.4601

17.8313, 4.3157,
-31.6040

24.0352, -1.3247,
-16.8670

25.9088, -2.0201,
-13.4355

27.8739, -2.4424,
-10.1619

29.9208, -2.6258,
-7.0365

■ 32.0414, -2.6013,
-4.0465

■ 34.2285, -2.3962,
-1.1780

■ 36.4760, -2.0338,
1.5828

■ 38.7785, -1.5343,
4.2488

Harmonies

Analogous

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



20.6053, -7.7706, -21.6411



20.6050, 1.0249, -24.2088



20.6053, 10.7959, -17.9219

Triad

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



20.6053, 1.0253, -24.2083



20.6053, 15.4463, 8.9541



20.6053, -15.1729, 6.8271

Complementary

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



20.6050, 1.0249, -24.2088



25.4684, 7.9186, 14.3972

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.



20.6053, -10.7909, 10.6809



20.6050, 1.0249, -24.2088



20.6053, 6.5433, 11.4693

Square

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



20.6053, 1.0253, -24.2083



20.6053, 20.0306, 3.0073



20.6053, -3.1435, 11.9268



20.6053, -16.1203, -0.9611

Rectangle

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



20.6050, 1.0249, -24.2088



20.6053, 16.2165, -10.7084



20.6053, -3.1435, 11.9268



20.6053, -14.0964, 8.4973

Sweetspot

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



20.6053, 1.0253, -24.2083



41.9695, -3.5190, -6.6597



31.9239, -22.3204, 10.7081



20.3557, -1.7444, -3.8156



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



20.6053, 1.0253, -24.2083



23.7493, 6.1824, -42.6197



12.6424, 19.9233, -52.0407



17.2000, -1.1437, -0.2176



19.8247, 5.1869, -35.9763



43.3206, 15.8072, -88.2701

Inverse Universe

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



19.1451, 28.1805, -0.5237



23.6910, 41.5838, 2.5167



35.4247, -9.5781, 20.6292



16.9296, 0.7246, 0.5267



19.7492, 35.2002, 2.0704



44.9081, 79.6805, 7.5143

Previews

White Background



This preview shows how the HunterLab color 20.6050, 1.0249, -24.2088 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



This preview shows how the HunterLab color 20.6050, 1.0249, -24.2088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

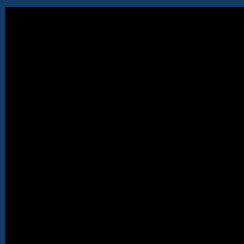
Any Text WCAG AA × Fail

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 20.6050, 1.0249, -24.2088 Background



This preview shows how black text looks on a background with the HunterLab color 20.6050, 1.0249, -24.2088.



This preview shows how white text looks on a background with the HunterLab color 20.6050, 1.0249, -24.2088.

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

20.6050, 1.0249, -24.2088

Protanopia

20.7296, 3.7533, -22.3748

Deuteranopia

20.5811, 0.9441, -24.2679



Tritanopia

20.5189, -10.1193, -3.8022

Trichromacy



Original Color

20.6050, 1.0249, -24.2088

Protanomaly

20.7183, 2.5731, -23.1612

Deuteranomaly

20.5811, 0.9441, -24.2679

Tritanomaly

20.4799, -6.6388, -10.0332

Monochromacy



Original Color

20.6050, 1.0249, -24.2088

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.0747, -1.7639, -6.8066

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.6050, 1.0249, -24.2088 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(19, 59, 103)` looks like.

```
.text, #text, p{  
    color:rgb(19, 59, 103)  
}
```

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(19, 59, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 59, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 20.6050, 1.0249, -24.2088 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(19, 59, 103) }
```


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

```
.border{ border-color:rgb(19, 59, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 59, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 59, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 59, 103);  
box-shadow:4px 4px 4px 4px rgb(19, 59,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.6050, 1.0249, -24.2088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 59, 103) }
```

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

```
.background{ background-color: rgb(19, 59,  
103) }
```

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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