

Converting Colors

HunterLab(25.6072, 10.1196,
-53.8520)

Have a look what the booklet for
HunterLab(25.6072, 10.1196,
-53.8520) contains.

HunterLab(25.6050, 10.1104, -53.8295)	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(25.6050, 10.1104,
-53.8295)**

Conversions

Conversions Part 1

Format	Color
Hex	004599
RGB	0, 69, 153
RGB Percent	0%, 27%, 60%
CMY	0.9999, 0.7294, 0.4000
CMYK	1.00, 0.55, 0.00, 0.40
HSL	213°, 100%, 30%
HSV	213°, 100%, 60%
XYZ	7.8779, 6.5562, 30.9873
YIQ	57.9450, -68.0880, 11.4960

Conversions

Conversions Part 2

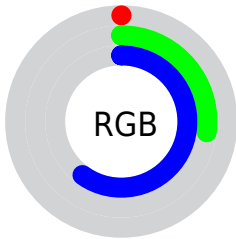
Format	Color
R _Y B	0, 48, 153
Decimal	17817
CIE _{Lab}	30.77, 16.39, -50.91
CIE _{LCh}	31, 53.482, 287.846
Y _{xy}	6.5563, 0.1734, 0.1443
Android (android.graphics.Color)	4278207897 (0xFF004599)
Y _{UV}	57.9450, 46.8621, -50.8178
Hunter-Lab	25.6050, 10.1104, -53.8295

Details

The HunterLab color **25.6050, 10.1104, -53.8295** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **36.2172, 17.0019, 22.6134**, and the grayscale version is **20.4147, -1.0893, 1.1092**.

A 20% lighter version of the original color is **43.5616, 11.3620, -54.1793**, and **13.3045, 13.8034, -46.4269** is the 20% darker color. If you saturate the color by 10%, you get **25.6018, 10.1173, -53.8404**, and if you desaturate by 10%, it is **27.8717, 6.5208, -46.8207**.

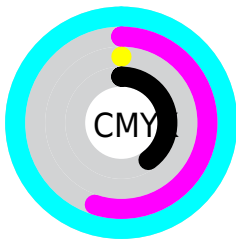
Distribution



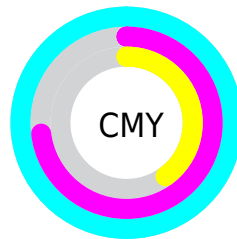
- Red (0%)
- Green (27%)
- Blue (60%)



- Red (0%)
- Yellow (19%)
- Blue (60%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (73%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.6050, 10.1104, -53.8295 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 25.6050, 10.1104, -53.8295 by changing the saturation by 10% instead.

■ 25.6050, 10.1104,
-53.8295

■ 25.6050, 10.1104,
-53.8295

■ 128.0330, 11.7866,
-58.9481

■ 17.8500, 9.4454,
-55.0357

■ 43.6748, 11.0603,
-54.0014

■ 11.0892, 8.6156,
-58.7997

■ 53.8444, 11.3807,
-54.5758

■ 2.9286, 24.2300,
-138.1311

■ 64.6998, 11.6161,
-55.2691

0.0000, NaN, -NF

■ 76.2002, 11.7757,
-56.0146

0.0000, NaN, -NF

■ 88.3112, 11.8670,
-56.7738

0.0000, NaN, -NF

■ 101.0035, 11.8961,

0.0000, NaN, NaN

-57.5241

0.0000, NaN, NaN

114.2516, 11.8679,
-58.2517

■ 25.6050, 10.1104,
-53.8295

■ 25.6050, 10.1104,
-53.8295

■ 25.6018, 10.1173,
-53.8404

■ 27.8717, 6.5208,
-46.8207

■ 30.3472, 3.4510,
-40.1194

■ 33.0466, 1.0120,
-33.6893

■ 35.9463, -0.8381,
-27.5732

■ 39.0235, -2.1611,
-21.7803

■ 42.2578, -3.0230,
-16.2980

■ 45.6313, -3.4867,
-11.1013

■ 49.1288, -3.6083,
-6.1607

■ 52.7373, -3.4359,
-1.4454

Harmonies

Analogous

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



25.6053, -8.2472, -56.1015



25.6050, 10.1104, -53.8295



25.6053, 29.6315, -31.9573

Triad

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



25.6053, 10.1115, -53.8288



25.6053, 26.2093, 15.7525



25.6053, -27.1571, 7.3959

Complementary

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



25.6050, 10.1104, -53.8295



36.2172, 17.0019, 22.6134

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.



25.6053, -22.2868, 15.0989



25.6050, 10.1104, -53.8295



25.6053, 6.3250, 17.7979

Square

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



25.6053, 10.1115, -53.8288



25.6053, 40.5483, 9.5626



25.6053, -11.1242, 17.5754



25.6053, -26.6651, -10.8715

Rectangle

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



25.6050, 10.1104, -53.8295



25.6053, 39.1615, -14.3674



25.6053, -11.1242, 17.5754



25.6053, -26.1640, 10.9523

Sweetspot

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



25.6053, 10.1115, -53.8288



60.7858, -4.6421, -15.2692



48.3591, -37.0134, 19.4585



27.7389, -2.0911, -8.4169



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



25.6053, 10.1115, -53.8288



33.7309, 14.6689, -73.8267



15.2758, 41.2070, -106.8371



25.4205, -1.6361, -0.5255



23.4142, 8.9047, -48.4884



3.9143, -0.7647, -3.2418

Inverse Universe

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



26.8376, 47.5561, 4.9313



35.8626, 63.4590, 7.3345



53.9160, -16.2657, 32.9373



25.0333, 1.2477, 0.8050



24.4105, 43.2848, 4.2926



3.1028, 5.7197, -1.1424

Previews

White Background



This preview shows how the HunterLab color 25.6050, 10.1104, -53.8295 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 25.6050, 10.1104, -53.8295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

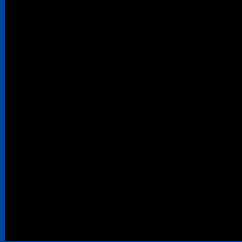
Any Text WCAG AA × Fail

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 25.6050, 10.1104, -53.8295 Background



This preview shows how black text looks on a background with the HunterLab color 25.6050, 10.1104, -53.8295.



This preview shows how white text looks on a background with the HunterLab color 25.6050, 10.1104,

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

25.6050, 10.1104, -53.8295

Protanopia

25.5934, 8.3217, -49.9537

Deuteranopia

25.6723, -0.3412, -31.3515



Tritanopia

25.6061, -12.5899, -4.8276

Trichromacy



Original Color

25.6050, 10.1104, -53.8295

Protanomaly

25.6560, 8.6406, -50.7203

Deuteranomaly

25.6344, 3.1719, -38.8880

Tritanomaly

25.3644, -5.9047, -18.9568

Monochromacy



Original Color

25.6050, 10.1104, -53.8295

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

21.5148, -0.6368, -15.2924

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.6050, 10.1104, -53.8295 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(0, 69, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 69, 153)  
}
```

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(0, 69, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 69, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 25.6050, 10.1104, -53.8295 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(0, 69, 153) }
```


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

```
.border{ border-color:rgb(0, 69, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 69, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 69, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 69, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 69, 153)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.6050, 10.1104, -53.8295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 69, 153) }
```

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

```
.background{ background-color: rgb(0, 69,  
153) }
```

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